

***California Department of Fish and Game  
Natural Diversity Database***

***SPECIAL VASCULAR PLANTS,  
BRYOPHYTES, AND LICHENS  
LIST***

***October 2008***

**Citation:** California Department of Fish and Game, Natural Diversity Database. October 2008. Special Vascular Plants, Bryophytes, and Lichens List. Quarterly publication. 70 pp.

## **SPECIAL PLANTS**

Last updated March 23, 2007

“Special Plants” is a broad term used to refer to all the plant taxa inventoried by the Department of Fish and Game’s California Natural Diversity Database (CNDDDB), regardless of their legal or protection status. Special Plants include vascular plants and high priority bryophytes (mosses, liverworts, and hornworts) which are a recent addition. A few lichens are also tracked. Special Plant taxa are species, subspecies, or varieties that fall into one or more of the following categories:

- Officially listed by California or the Federal Government as Endangered, Threatened, or Rare;
- A candidate for state or federal listing as Endangered, Threatened, or Rare;
- Taxa which meet the criteria for listing, even if not currently included on any list, as described in Section 15380 of the California Environmental Quality Act (CEQA) Guidelines; these taxa may indicate “none” under listing status, but note that all CNPS List 1 and 2 and some List 3 plants may fall under Section 15380 of CEQA.
- A Bureau of Land Management, U.S. Fish and Wildlife Service, or U.S. Forest Service Sensitive Species;
- Taxa listed in the California Native Plant Society’s *Inventory of Rare and Endangered Plants of California*;
- Taxa that are biologically rare, very restricted in distribution, or declining throughout their range but not currently threatened with extirpation;
- Population(s) in California that may be peripheral to the major portion of a taxon’s range but are threatened with extirpation in California; and
- Taxa closely associated with a habitat that is declining in California at a significant rate (e.g. wetlands, riparian, vernal pools, old growth forests, desert aquatic systems, native grasslands, valley shrubland habitats, etc.).

**This list contains taxa that are actively inventoried by the CNDDDB (Note: GIS’ed taxa have a “yes” in the right column of the list) as well as an almost equal number of taxa which it tracks but as yet has only quad and county level geographic information.** For the latter taxa, we maintain site and other information in manual files along with internet access to the quad and county level information via our “**CNDDDB Quick Viewer**.” These plants will be added to the computerized inventory as time permits or when we have enough information to determine that they fulfill our rarity and/or endangerment criteria. For more copies of this list or other CNDDDB information, call (916) 324-3812 or email Kristina Donat, Information Services, at [kdonat@dfg.ca.gov](mailto:kdonat@dfg.ca.gov).

NOTE: We have removed the designation “**Federal Species of Concern**.” Please do not be concerned; the federal species of concern list was an internal FWS list maintained by their Sacramento office of taxa that were formerly designated C1 and C2 plus some other miscellaneous taxa. Once we discovered that the list was seldom updated and generated only from Sacramento without review by other FWS offices, we decided we were not doing you a service by including this designation. The taxa are just as important as before and should be given consideration in your environmental work.

## **California Heritage (CNDDDB) Element Ranking For Plants**

Last updated March 23, 2007

All Heritage Programs, such as the California Natural Diversity Database (CNDDDB) use the same ranking methodology, originally developed by The Nature Conservancy and now maintained by Natureserve. It includes a **Global rank** (G rank), describing the rank for a given taxon over its entire distribution and a **State rank** (S rank), describing the rank for the taxon over its state distribution. For subspecies and varieties, there is also a "T" rank describing the global rank for the subspecies. The second page of this document details the criteria used to assign element ranks, from G1 to G5 for the Global rank and from S1 to S5 for the State rank. Procedurally, state programs such as the CNDDDB develop Global ranks and State ranks and the Global ranks are checked for consistency and logical errors by Natureserve at the national level. All CNDDDB plant ranks are reviewed and approved by the Rare Plant Status Review Committee.

The first step to ranking is based on *rarity*, and involves counting total occurrences, counting the number of "good" (highly ranked) occurrences and counting individuals for a given plant. An occurrence for a plant is defined as any population or group of nearby populations located more than 0.25 miles from any other population. If sufficient information is available, element occurrences can be ranked A-D, depending on apparent degree of viability and habitat condition. Usually the two biggest factors are population size and habitat quality. However, there is more to ranking than just counting element occurrences and individuals. Some of the other considerations specific to plants or lichens include:

- An aerial view of the extent of the distribution. Is the taxon very narrowly distributed (even if it has lots of occurrences), or is it scattered over a wide area?
- Are the element occurrences very large, very small, or mixed in size? Are small occurrences viable over time?
- What is the total acreage of the element occurrences?
- Is the element located in a vulnerable habitat type, such as in wetlands?
- What aspects of the biology and ecology of the element should we consider when ranking it? Some aspects to consider are life form, life span, reproductive strategy, demographic concerns, persistence of seed bank, reaction to disturbance, dependence on pollinators or seed dispersal agents, restriction to soil type and other "niche breadth" concerns, and more.
- Is anything known about trends for the element? What are the threats and how severe and imminent are they? Do we think the species is increasing, decreasing or stable?

With the above considerations in mind, refer to the next page for the numerical definitions for G1-5 and S1-5. A taxon's ranking status may be adjusted up or down depending upon the considerations above.

## ELEMENT RANKING

### GLOBAL RANKING

The *global rank* (G-rank) is a reflection of the overall condition of an element throughout its global range. **Both Global and State ranks represent a letter+number score that reflects a combination of Rarity, Threat and Trend factors, with weighting being heavier on Rarity than the other two.**

### SPECIES OR NATURAL COMMUNITY LEVEL

- G1** = **Critically Imperiled**—At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.
- G2** = **Imperiled**—At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.
- G3** = **Vulnerable**—At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.
- G4** = **Apparently Secure**—Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- G5** = **Secure**—Common; widespread and abundant.

### SUBSPECIES LEVEL

Subspecies receive a **T-rank** attached to the G-rank. With the subspecies, the G-rank reflects the condition of the entire species, whereas the T-rank reflects the global situation of just the subspecies or variety. For example: *Chorizanthe robusta* var. *hartwegii*. This plant is ranked G2T1. The G-rank refers to the whole species range i.e., *Chorizanthe robusta*. The T-rank refers only to the global condition of var. *hartwegii*.

### STATE RANKING

The *state rank* (S-rank) is assigned much the same way as the global rank, but state ranks refer to the endangerment status only within California's state boundaries.

- S1** = **Critically Imperiled**—Critically imperiled in the state because of extreme rarity (often 5 or fewer occurrences) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state/province.
- S2** = **Imperiled**—Imperiled in the state because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the nation or state/province.
- S3** = **Vulnerable**—Vulnerable in the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation.
- S4** = **Apparently Secure**—Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- S5** = **Secure**—Common, widespread, and abundant in the state.

### Notes:

1.	Other considerations used when ranking a species or natural community include the pattern of distribution of the element on the landscape, fragmentation of the population/stands, and historical extent as compared to its modern range. It is important to take a <b>bird's eye or aerial view</b> when ranking sensitive elements rather than simply counting element occurrences.	3.	Other symbols:  GH All sites are <b>historical</b> ; the element has not been seen for at least 20 years, but suitable habitat still exists (SH = All California sites are historical).  GX All sites are <b>extirpated</b> ; this element is extinct in the wild (SX = All California sites are extirpated).  GXC Extinct in the wild; exists in cultivation.  G1Q The element is very rare, but there are <b>taxonomic questions</b> associated with it.  T Rank applies to a subspecies or variety.
2.	Uncertainty about the rank of an element is expressed in two major ways:  By expressing the ranks as a <b>range</b> of values: e.g., S2S3 means the rank is somewhere between S2 and S3.  By adding a ? to the rank: e.g., S2?. This represents more certainty than S2S3, but less certainty than S2.		

**SPECIAL LICHENS**  
Last updated March 23, 2007

There are a few lichens in California for which we have adequate information to place them on the list of Special taxa. They appear after the bryophytes at the beginning of the list. We are not including lichens for which little is known, even if they are only known from a few sites in California because the level of information is not developed enough. As information on individual taxa becomes better developed, more lichens may be added. Lichen statuses are developed in coordination with the California Lichen Society (CALS) and relevant experts.

Note that lichens are not plants, but a symbiotic relationship between a fungus and either green algae or cyanobacteria (aka bluegreen algae).

## **The California Native Plant Society's (CNPS) Lists**

- 1A. Presumed extinct in California
- 1B. Rare or Endangered in California and elsewhere
- 2. Rare or Endangered in California, more common elsewhere
- 3. Plants for which we need more information - Review list
- 4. Plants of limited distribution - Watch list

### **List 1A: Plants Presumed Extinct in California**

The plants of List 1A are presumed extinct because they have not been seen or collected in the wild in California for many years. Although most of them are restricted to California, a few are found in other states as well. In many cases, repeated attempts have been made to rediscover these plants by visiting known historical locations. Even after such diligent searching, we are constrained against saying that they are extinct, since for most of them rediscovery remains a distinct possibility. Note that care should be taken to distinguish between "extinct" and "extirpated." A plant is extirpated if it has been locally eliminated, but it may be doing well elsewhere in its range.

### **List 1B: Plants Rare, Threatened, or Endangered in California and Elsewhere.**

The plants of List 1B are rare throughout their range. All but a few are endemic to California. All of them are judged to be vulnerable under present circumstances or to have a high potential for becoming so because of their limited or vulnerable habitat, their low numbers of individuals per population (even though they may be wide ranging), or their limited number of populations. Most of the plants of List 1B have declined significantly over the last century.

### **List 2: Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere**

Except for being common beyond the boundaries of California, the plants of List 2 would have appeared on List 1B. From the federal perspective, plants common in other states or countries are not eligible for consideration under the provisions of the Endangered Species Act. Until 1979, a similar policy was followed in California. However, after the passage of the Native Plant Protection Act, plants were considered for protection without regard to their distribution outside the state.

### **List 3: Plants About Which We Need More Information - A Review list**

The plants that comprise List 3 are united by one common theme--we lack the necessary information to assign them to one of the other lists or to reject them. Nearly all of the plants remaining on List 3 are taxonomically problematic.

### **List 4: Plants of Limited Distribution - A Watch list**

The plants in this category are of limited distribution or infrequent throughout a broader area in California, and their vulnerability or susceptibility to threat appears low at this time. While we cannot call these plants "rare" from a statewide perspective, they are uncommon enough that their status should be monitored regularly. Should the degree of endangerment or rarity of a List 4 plant change, we will transfer it to a more appropriate list or deleted from consideration.

#### **Threat ranks:**

Recently, CNPS added a decimal threat rank to the List ranks to parallel that used by the CNDDB. This extension replaces the E (Endangerment) value from the R-E-D Code. CNPS ranks therefore read like this: 1B.1, 1B.2, etc.

#### **New Threat Code extensions and their meanings:**

.**1** - Seriously endangered in California

.**2** – Fairly endangered in California

.**3** – Not very endangered in California

Note that all List 1A (presumed extinct in California) and some List 3 (need more information- a review list) plants lacking any threat information receive no threat code extension. Also, these Threat Code guidelines represent a starting point in the assessment of threat level. Other factors, such as habitat vulnerability and specificity, distribution, and condition of occurrences, are also considered in setting the Threat Code.

# **Guidelines for Assessing the Effects of Proposed Projects on Rare, Threatened, and Endangered Plants and Natural Communities**

State of California  
THE RESOURCES AGENCY  
Department of Fish and Game  
December 9, 1983

Revised May 8, 2000 – **NOTE: SOON TO BE REPLACED BY UPDATED VERSION**

The following recommendations are intended to help those who prepare and review environmental documents determine **when** a botanical survey is needed, **who** should be considered qualified to conduct such surveys, **how** field surveys should be conducted, and **what** information should be contained in the survey report. The Department may recommend that lead agencies not accept the results of surveys that are not conducted according to these guidelines.

**1. Botanical surveys are conducted in order to determine the environmental effects of proposed projects on all rare, threatened, and endangered plants and plant communities. Rare, threatened, and endangered plants are not necessarily limited to those species which have been "listed" by state and federal agencies but should include any species that, based on all available data, can be shown to be rare, threatened, and/or endangered under the following definitions:**

A species, subspecies, or variety of plant is "endangered" when the prospects of its survival and reproduction are in immediate jeopardy from one or more causes, including loss of habitat, change in habitat, over-exploitation, predation, competition, or disease. A plant is "threatened" when it is likely to become endangered in the foreseeable future in the absence of protection measures. A plant is "rare" when, although not presently threatened with extinction, the species, subspecies, or variety is found in such small numbers throughout its range that it may be endangered if its environment worsens.

Rare natural communities are those communities that are of highly limited distribution. These communities may or may not contain rare, threatened, or endangered species. The most current version of the California Natural Diversity Database's List of California Terrestrial Natural Communities may be used as a guide to the names and status of communities.

**2. It is appropriate to conduct a botanical field survey to determine if, or to the extent that, rare, threatened, or endangered plants will be affected by a proposed project when:**

- a. Natural vegetation occurs on the site, it is unknown if rare, threatened, or endangered plants or habitats occur on the site, and the project has the potential for direct or indirect effects on vegetation; or
- b. Rare plants have historically been identified on the project site, but adequate information for impact assessment is lacking.

**3. Botanical consultants should possess the following qualifications:**

- a. Experience conducting floristic field surveys;
- b. Knowledge of plant taxonomy and plant community ecology;
- c. Familiarity with the plants of the area, including rare, threatened, and endangered species;
- d. Familiarity with the appropriate state and federal statutes related to plants and plant collecting; and,
- e. Experience with analyzing impacts of development on native plant species and communities.

**4. Field surveys should be conducted in a manner that will locate any rare, threatened, or endangered species that may be present. Specifically, rare, threatened, or endangered plant surveys should be:**

- a. Conducted in the field at the proper time of year when rare, threatened, or endangered species are both evident and identifiable. Usually, this is when the plants are flowering.

When rare, threatened, or endangered plants are known to occur in the type(s) of habitat present in the project area, nearby accessible occurrences of the plants (reference sites) should be observed to determine that the species are identifiable at the time of the survey.

- b. Floristic in nature. A floristic survey requires that every plant observed be identified to the extent necessary to determine its rarity and listing status. In addition, a sufficient number of visits spaced throughout the growing season are necessary to accurately determine what plants exist on the site. In

order to properly characterize the site and document the completeness of the survey, a complete list of plants observed on the site should be included in every botanical survey report.

- c. Conducted in a manner that is consistent with conservation ethics. Collections (voucher specimens) of rare, threatened, or endangered species, or suspected rare, threatened, or endangered species should be made only when such actions would not jeopardize the continued existence of the population and in accordance with applicable state and federal permit requirements. A collecting permit from the Habitat Conservation Planning Branch of DFG is required for collection of state-listed plant species. Voucher specimens should be deposited at recognized public herbaria for future reference. Photography should be used to document plant identification and habitat whenever possible, but especially when the population cannot withstand collection of voucher specimens.
  - d. Conducted using systematic field techniques in all habitats of the site to ensure a thorough coverage of potential impact areas.
  - e. Well documented. When a rare, threatened, or endangered plant (or rare plant community) is located, a California Native Species (or Community) Field Survey Form or equivalent written form, accompanied by a copy of the appropriate portion of a 7.5 minute topographic map with the occurrence mapped, should be completed and submitted to the Natural Diversity Database. Locations may be best documented using global positioning systems (GPS) and presented in map and digital forms as these tools become more accessible.
5. Reports of botanical field surveys should be included in or with environmental assessments, negative declarations and mitigated negative declarations, Timber Harvesting Plans (THPs), EIR's, and EIS's, and should contain the following information:
- a. Project description, including a detailed map of the project location and study area.
  - b. A written description of biological setting referencing the community nomenclature used and a vegetation map.
  - c. Detailed description of survey methodology.
  - d. Dates of field surveys and total person-hours spent on field surveys.
  - e. Results of field survey including detailed maps and specific location data for each plant population found. Investigators are encouraged to provide GPS data and maps documenting population boundaries.
  - f. An assessment of potential impacts. This should include a map showing the distribution of plants in relation to proposed activities.
  - g. Discussion of the significance of rare, threatened, or endangered plant populations in the project area considering nearby populations and total species distribution.
  - h. Recommended measures to avoid impacts.
  - i. A list of all plants observed on the project area. Plants should be identified to the taxonomic level necessary to determine whether or not they are rare, threatened or endangered.
  - j. Description of reference site(s) visited and phenological development of rare, threatened, or endangered plant(s).
  - k. Copies of all California Native Species Field Survey Forms or Natural Community Field Survey Forms.
  - l. Name of field investigator(s).
  - m. References cited, persons contacted, herbaria visited, and the location of voucher specimens.

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

#### **Bryophytes**

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDDDB?
<i>Anomobryum julaceum</i>	slender silver moss	NBMUS80010	None	None	G4G5/S1.3	2.2	Yes
<i>Atracylocarpus flagellaceus</i>	flagella-like atracylocarpus	NBMUS84010	None	None	G5/S1.2	2.2	Yes
<i>Bruchia bolanderi</i>	Bolander's bruchia	NBMUS13010	None	None	G3/S2.2	2.2	Yes
<i>Dacryophyllum falcifolium</i>	tear drop moss	NBMUS8Z010	None	None	G2/S2.3	1B.3	Yes
<i>Didymodon norrisii</i>	Norris' beard moss	NBMUS2C0H0	None	None	G2G3/S2.2	2.2	Yes
<i>Discladium nudum</i>	naked flag moss	NBMUS2E010	None	None	G3G4/S1.2	2.2	Yes
<i>Entosthodon kochii</i>	Koch's cord moss	NBMUS2P050	None	None	G1/S1.3	1B.3	Yes
<i>Fissidens aphelotaxifolius</i>	brook pocket moss	NBMUS2W290	None	None	GU/S1.2	2.2	Yes
<i>Fissidens pauperculus</i>	minute pocket moss	NBMUS2W0U0	None	None	G3?/S1.2	1B.2	Yes
<i>Geothallus tuberosus</i>	Campbell's liverwort	NBHEP1C010	None	None	G1/S1.1	1B.1	Yes
<i>Helodium blandowii</i>	Blandow's bog moss	NBMUS3C010	None	None	G5/S1.3	2.3	Yes
<i>Meesia triquetra</i>	three-ranked hump moss	NBMUS4L020	None	None	G5/S3S4.2	4.2	Yes
<i>Meesia uliginosa</i>	broad-nerved hump moss	NBMUS4L030	None	None	G4/S2.2	2.2	Yes
<i>Mielichhoferia elongata</i>	elongate copper moss	NBMUS4Q022	None	None	G4?/S2.2	2.2	Yes
<i>Mielichhoferia mielichhoferiana</i>	Mielichhofer's copper moss	NBMUS4Q020	None	None	G4/S1	2.3	Yes
<i>Mielichhoferia tehamensis</i>	Lassen Peak copper moss	NBMUS4Q030	None	None	G1/S1.3	1B.3	Yes
<i>Myurella julacea</i>	small mousetail moss	NBMUS4U010	None	None	G5/S1.3	2.3	Yes
<i>Orthotrichum kellmanii</i>	Kellman's bristle moss	NBMUS56190	None	None	G1/S1.2	1B.2	Yes
<i>Orthotrichum shveockii</i>	Shevock's bristle moss	NBMUS56150	None	None	G1/S1.3	1B.3	Yes
<i>Orthotrichum spjutii</i>	Spjut's bristle moss	NBMUS56160	None	None	G1/S1.3	1B.3	Yes
<i>Pohlia tundrae</i>	tundra thread moss	NBMUS5S1B0	None	None	G2G3/S2.3	2.3	Yes
<i>Pterygoneurum californicum</i>	California chalk moss	NBMUS65020	None	None	GH/SH	1B.1	Yes
<i>Schizymenium shveockii</i>	Shevock's copper moss	NBMUSA1010	None	None	G1/S1.2	1B.2	Yes
<i>Scopelophila cataractae</i>	tongue-leaf copper moss	NBMUS6U010	None	None	G3/S1.2	2.2	Yes
<i>Sphaerocarpos drewei</i>	bottle liverwort	NBHEP35030	None	None	G1/S1.1	1B.1	Yes
<i>Sphagnum strictum</i>	pale peat moss	NBMUS6Z170	None	None	G5/S1.3	2.3	Yes
<i>Tortella alpicola</i>	alpine crisp moss	NBMUS7K100	None	None	G?/S1.3	2.3	Yes
<i>Tortula californica</i>	California screw moss	NBMUS7L090	None	None	G2G4/S2.2	1B.2	Yes
<i>Trichodon cylindricus</i>	cylindrical trichodon	NBMUS7N020	None	None	G4G5/S2.2	2.2	Yes
<i>Triquetrella californica</i>	coastal triquetrella	NBMUS7S010	None	None	G1/S1.2	1B.2	Yes

**Special Vascular Plants, Bryophytes, and Lichens List**  
**California Department of Fish and Game**  
**Natural Diversity Database**

---

**Lichens**

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDBB ?
<i>Cladonia firma</i>	firm cup lichen	NLT0008460	None	None	G4/S1.1		Yes
<i>Graphis saxorum</i>	Baja rock lichen	NLTES29470	None	None	G1G3/S1S3		Yes
<i>Mobergia calculiformis</i>	light gray lichen	NLT0018660	None	None	G1/S1.1		Yes
<i>Peltigera hydrothyria</i>	aquatic felt lichen	NLLEC83010	None	None	G4/S3.2		No
<i>Solorina spongiosa</i>	<i>Solorina spongiosa</i>	NLT0028030	None	None	G4G5/S1.2		Yes
<i>Sulcaria isidiifera</i>	splitting yarn lichen	NLTEST0020	None	None	G1/S1.1		Yes
<i>Texosporium sancti-jacobi</i>	woven-spored lichen	NLTEST7980	None	None	G3/S1.1		Yes
<i>Thamnolia vermicularis</i>	thamnolia lichen	NLTES43860	None	None	G3G5/S1.1		Yes
<i>Usnea longissima</i>	long-beard lichen	NLLEC5P420	None	None	G4/S4.2		Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

#### **Vascular Plants**

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDDDB?
<i>Abies amabilis</i>	Pacific silver fir	PGPIN01010	None	None	G5/S3.3	2.3	Yes
<i>Abies bracteata</i>	bristlecone fir	PGPIN01030	None	None	G2/S2.3	1B.3	Yes
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	subalpine fir	PGPIN01072	None	None	G5T5/S3.3	2.3	Yes
<i>Abronia alpina</i>	Ramshaw Meadows abronia	PDNYC01020	Candidate	None	G1/S1.1	1B.1	Yes
<i>Abronia maritima</i>	red sand-verbena	PDNYC010E0	None	None	G4?S3?	4.2	No
<i>Abronia nana</i> ssp. <i>covillei</i>	Coville's dwarf abronia	PDNYC010H1	None	None	G4T3/S3.2	4.2	No
<i>Abronia umbellata</i> ssp. <i>breviflora</i>	pink sand-verbena	PDNYC010N2	None	None	G4G5T2/S2.1	1B.1	Yes
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	PDNYC010P1	None	None	G5T3T4/S2.1	1B.1	Yes
<i>Abutilon parvulum</i>	dwarf abutilon	PDMAL020F0	None	None	G5/S1.3	2.3	Yes
<i>Acanthomintha duttonii</i>	San Mateo thorn-mint	PDLAM01040	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Acanthomintha ilicifolia</i>	San Diego thorn-mint	PDLAM01010	Threatened	Endangered	G1/S1.1	1B.1	Yes
<i>Acanthomintha lanceolata</i>	Santa Clara thorn-mint	PDLAM01020	None	None	G3/S3.2	4.2	No
<i>Acanthomintha obovata</i> ssp. <i>cordata</i>	heart-leaved thorn-mint	PDLAM01033	None	None	G3?T3?/S3.2?	4.2	No
<i>Acanthomintha obovata</i> ssp. <i>obovata</i>	San Benito thorn-mint	PDLAM01032	None	None	G3?T3?/S3.2?	4.2	No
<i>Acanthoscyphus parishii</i> var. <i>abramsii</i>	Abrams' oxytheca	PDPGN0J041	None	None	G4?T2/S2.2	1B.2	Yes
<i>Acanthoscyphus parishii</i> var. <i>cienegensis</i>	Cienega Seca oxytheca	PDPGN0J042	None	None	G4?T1/S1.3	1B.3	Yes
<i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>	Cushenbury oxytheca	PDPGN0J043	Endangered	None	G4?T1/S1.1	1B.1	Yes
<i>Acanthoscyphus parishii</i> var. <i>parishii</i>	Parish's oxytheca	PDPGN0J044	None	None	G4?T3/S3.2	4.2	No
<i>Achnatherum aridum</i>	Mormon needle grass	PMPOA5X010	None	None	G5/S2?	2.3	Yes
<i>Achnatherum diegoense</i>	San Diego County needle grass	PMPOA5X0B0	None	None	G3/S3.2	4.2	No
<i>Achnatherum lemmonii</i> ssp. <i>pubescens</i>	pubescent needle grass	PMPOA5X0F2	None	None	G5T1T2Q/S1.2	3.2	No
<i>Acleisanthes longiflora</i>	angel trumpets	PDNYC02040	None	None	G5/S1.3	2.3	Yes
<i>Adolphia californica</i>	California adolphia	PDRHA01010	None	None	G3G4/S3.1	2.1	Yes
<i>Agave shawii</i>	Shaw's agave	PMAGA010P0	None	None	G2G3/S1.2	2.1	Yes
<i>Agave utahensis</i> var. <i>eborispinna</i>	ivory-spined agave	PMAGA010S1	None	None	G4T3Q/S1.3	1B.3	Yes
<i>Agave utahensis</i> var. <i>nevadensis</i>	Clark Mountain agave	PMAGA010S3	None	None	G4T3Q/S3.2	4.2	No
<i>Ageratina herbacea</i>	desert ageratina	PDASTBX0J0	None	None	G5/S2.3	2.3	Yes
<i>Ageratina shastensis</i>	Shasta ageratina	PDASTBX0R0	None	None	G3/S3.2	4.2	No
<i>Agrostis blasdalei</i>	Blasdale's bent grass	PMPOA04060	None	None	G2/S2.2	1B.2	Yes
<i>Agrostis clivicola</i> var. <i>clivicola</i>	coastal bluff bent grass	PMPOA040A1	None	None	G3?T3?Q/S3?		No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Agrostis clivicola</i> var. <i>punta-reyesensis</i>	Point Reyes bent grass	PMPOA040A2	None	None	G3?T1Q/S1.2		Yes
<i>Agrostis hendersonii</i>	Henderson's bent grass	PMPOA040K0	None	None	G1Q/S1.1	3.2	Yes
<i>Agrostis hooveri</i>	Hoover's bent grass	PMPOA040M0	None	None	G2/S2.2	1B.2	Yes
<i>Agrostis humilis</i>	mountain bent grass	PMPOA040P0	None	None	G4/S1.3	2.3	Yes
<i>Aliciella ripleyi</i>	Ripley's aliciella	PDPLM041E0	None	None	G3/S1.3	2.3	Yes
<i>Aliciella triodon</i>	coyote gilia	PDPLM041T0	None	None	G5/S1.2	2.2	Yes
<i>Alisma gramineum</i>	grass alisma	PMALI01010	None	None	G5/S1S2	2.2	Yes
<i>Allium atrorubens</i> var. <i>atrorubens</i>	Great Basin onion	PMLIL02061	None	None	G4T4/S3.3	2.3	Yes
<i>Allium atrorubens</i> var. <i>cristatum</i>	Inyo onion	PMLIL02063	None	None	G4T3?/S3.3	4.3	No
<i>Allium fimbriatum</i> var. <i>purdyi</i>	Purdy's onion	PMLIL020Y7	None	None	G4G5T3/S3.3?	4.3	No
<i>Allium hickmanii</i>	Hickman's onion	PMLIL02140	None	None	G2/S2.2	1B.2	Yes
<i>Allium hoffmanii</i>	Beegum onion	PMLIL02150	None	None	G3/S3.3	4.3	No
<i>Allium howellii</i> var. <i>clokeyi</i>	Mt. Pinos onion	PMLIL02161	None	None	G4T2/S2.3	1B.3	Yes
<i>Allium jepsonii</i>	Jepson's onion	PMLIL022V0	None	None	G1/S1.2	1B.2	Yes
<i>Allium marvinii</i>	Yucaipa onion	PMLIL02330	None	None	G1/S1.1	1B.1	Yes
<i>Allium munzii</i>	Munz's onion	PMLIL022Z0	Endangered	Threatened	G1/S1.1	1B.1	Yes
<i>Allium nevadense</i>	Nevada onion	PMLIL021J0	None	None	G4/S1.3	2.3	Yes
<i>Allium parishii</i>	Parish's onion	PMLIL021N0	None	None	G3/S3.3?	4.3	No
<i>Allium peninsulare</i> var. <i>franciscanum</i>	Franciscan onion	PMLIL021R1	None	None	G5T2/S2.2	1B.2	Yes
<i>Allium sanbornii</i> var. <i>congdonii</i>	Congdon's onion	PMLIL02211	None	None	G3T3/S3.3	4.3	No
<i>Allium sanbornii</i> var. <i>sanbornii</i>	Sanborn's onion	PMLIL02212	None	None	G3T3/S3.2	4.2	No
<i>Allium sharsmithiae</i>	Shar smith's onion	PMLIL02310	None	None	G2/S2.3	1B.3	Yes
<i>Allium shevockii</i>	Spanish Needle onion	PMLIL022M0	None	None	G1/S1.3	1B.3	Yes
<i>Allium siskiyouense</i>	Siskiyou onion	PMLIL02280	None	None	G4/S3.3?	4.3	No
<i>Allium tribracteatum</i>	three-bracted onion	PMLIL022D0	None	None	G2/S2.2	1B.2	Yes
<i>Allium tuolumnense</i>	Rawhide Hill onion	PMLIL022W0	None	None	G2/S2.2	1B.2	Yes
<i>Allium yosemitense</i>	Yosemite onion	PMLIL022L0	None	Rare	G2/S2.3	1B.3	Yes
<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	Sonoma alopecurus	PMPOA07012	Endangered	None	G5T1Q/S1.1	1B.1	Yes
<i>Aloysia wrightii</i>	Wright's beebrush	PDVER02040	None	None	G5/S3.3	4.3	No
<i>Amaranthus watsonii</i>	Watson's amaranth	PDAMA04170	None	None	G4G5/S3.3	4.3	No
<i>Ambrosia chenopodiifolia</i>	San Diego bur-sage	PDAST0C080	None	None	G3?/S2.1	2.1	Yes
<i>Ambrosia monogyra</i>	singlewhorl burrobrush	PDAST50010	None	None	G5/S2.2	2.2	Yes
<i>Ambrosia pumila</i>	dwarf burr ambrosia	PDAST0C0M0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Ammoselinum giganteum</i>	desert sand-parsley	PDAPI05020	None	None	G2G3/SH	2.3	Yes
<i>Amorpha californica</i> var. <i>napensis</i>	Napa false indigo	PDFAB08012	None	None	G4T2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Amsinckia douglasiana</i>	Douglas' fiddleneck	PDBOR01010	None	None	G3/S3.2	4.2	No
<i>Amsinckia grandiflora</i>	large-flowered fiddleneck	PDBOR01050	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	PDBOR01070	None	None	G2/S2.2	1B.2	Yes
<i>Amsinckia vernicosa</i> var. <i>furcata</i>	forked fiddleneck	PDBOR010D1	None	None	G4T3/S3.2	4.2	No
<i>Ancistrocarphus keillii</i>	Santa Ynez groundstar	PDASTD5020	None	None	G1/S1.1	1B.1	Yes
<i>Androsace elongata</i> ssp. <i>acuta</i>	California androsace	PDPRI02031	None	None	G5? T3T4/S3.2?	4.2	No
<i>Androsace filiformis</i>	slender-stemmed androsace	PDPRI02040	None	None	G4/S1?	2.3	Yes
<i>Androsace occidentalis</i> var. <i>simplex</i>	simple androsace	PDPRI02051	None	None	G5T5/S1.3	2.3	Yes
<i>Androstaphium breviflorum</i>	small-flowered androstaphium	PMLIL06010	None	None	G5/S1.3	2.3	Yes
<i>Angelica callii</i>	Call's angelica	PDAPI07060	None	None	G3/S3.3?	4.3	No
<i>Angelica kingii</i>	King's angelica	PDAPI070D0	None	None	G4/S3.2	4.2	No
<i>Angelica lucida</i>	sea-watch	PDAPI070G0	None	None	G5/S2S3	4.2	No
<i>Anisocarpus scabridus</i>	scabrid alpine tarplant	PDASTDU020	None	None	G2G3/S2S3	1B.3	Yes
<i>Antennaria flagellaris</i>	stoloniferous pussy-toes	PDAST0H0W0	None	None	G5?/S3.2	4.2	Yes
<i>Antennaria lanata</i>	woolly pussy-toes	PDAST0H0B0	None	None	G5/S1.2	2.2	Yes
<i>Antennaria marginata</i>	white-margined everlasting	PDAST0H1G0	None	None	G4G5/S1.3	2.3	Yes
<i>Antennaria pulchella</i>	beautiful pussy-toes	PDAST0H1H0	None	None	G3/S3.3	4.3	No
<i>Antennaria suffrutescens</i>	evergreen everlasting	PDAST0H0S0	None	None	G4/S3.3?	4.3	No
<i>Antirrhinum cyathiferum</i>	Deep Canyon snapdragon	PDSCR2R010	None	None	G4?/S1.3	2.3	Yes
<i>Antirrhinum ovatum</i>	oval-leaved snapdragon	PDSCR2K010	None	None	G3/S3.2	4.2	Yes
<i>Antirrhinum subcordatum</i>	dimorphic snapdragon	PDSCR2S070	None	None	G3/S3.3	4.3	Yes
<i>Antirrhinum virga</i>	twig-like snapdragon	PDSCR2S090	None	None	G3/S3.3?	4.3	No
<i>Aphanisma blitoides</i>	aphanisma	PDCHE02010	None	None	G2/S1.1	1B.2	Yes
<i>Arabis aculeolata</i>	Waldo rock-cress	PDBRA06010	None	None	G4/S2.2	2.2	Yes
<i>Arabis blepharophylla</i>	coast rock-cress	PDBRA06040	None	None	G3/S3.3?	4.3	No
<i>Arabis bodiensis</i>	Bodie Hills rock-cress	PDBRA06240	None	None	G2/S1.2	1B.3	Yes
<i>Arabis breweri</i> var. <i>pecuniaria</i>	San Bernardino rock-cress	PDBRA06053	None	None	G4?T1/S1.2	1B.2	Yes
<i>Arabis cobrensis</i>	Masonic rock-cress	PDBRA06080	None	None	G5/S1S2	2.3	Yes
<i>Arabis constancei</i>	Constance's rock-cress	PDBRA06090	None	None	G3/S3.1	1B.1	Yes
<i>Arabis dispar</i>	pinyon rock-cress	PDBRA060F0	None	None	G3/S2.3	2.3	Yes
<i>Arabis fernaldiana</i> var. <i>stylosa</i>	stylose rock-cress	PDBRA060K2	None	None	G3G4T3/S1.3?	3.3	Yes
<i>Arabis hirsbergiae</i>	Hirschberg's rock-cress	PDBRA064D0	None	None	G1/S1.2	1B.2	Yes
<i>Arabis hoffmannii</i>	Hoffmann's rock-cress	PDBRA060V0	Endangered	None	G1/S1.3	1B.1	Yes
<i>Arabis johnstonii</i>	Johnston's rock-cress	PDBRA060Y0	None	None	G1/S1.2	1B.2	Yes
<i>Arabis koehleri</i> var. <i>stipitata</i>	Koehler's stipitate rock-cress	PDBRA060Z2	None	None	G3T3/S1.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Arabis macdonaldiana</i>	Mcdonald's rock-cress	PDBRA06150	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Arabis microphylla</i> var. <i>microphylla</i>	small-leaved rock-cress	PDBRA06162	None	None	G5T4?/S3.3	4.3	No
<i>Arabis modesta</i>	modest rock-cress	PDBRA06180	None	None	G3Q/S3.3?	4.3	No
<i>Arabis oregana</i>	Oregon rock-cress	PDBRA061A0	None	None	G3G4Q/S3.3?	4.3	No
<i>Arabis parishii</i>	Parish's rock-cress	PDBRA061C0	None	None	G2/S2.1	1B.2	Yes
<i>Arabis pinzliae</i>	Pinzl's rock-cress	PDBRA06270	None	None	G2/S1.3	1B.3	Yes
<i>Arabis pulchra</i> var. <i>munciensis</i>	Darwin rock-cress	PDBRA061M3	None	None	G5T4?/S1.3	2.3	Yes
<i>Arabis pygmaea</i>	Tulare County rock-cress	PDBRA061N0	None	None	G1G2/S1S2	4.3	No
<i>Arabis repanda</i> var. <i>greenei</i>	Greene's rock-cress	PDBRA061Q1	None	None	G5T2/S2.3	4.3	No
<i>Arabis rigidissima</i> var. <i>demota</i>	Galena Creek rock-cress	PDBRA061R1	None	None	G3T2Q/S1.2	1B.2	Yes
<i>Arabis rigidissima</i> var. <i>rigidissima</i>	Trinity Mountains rock-cress	PDBRA061R2	None	None	G3T3/S3.3	4.3	No
<i>Arabis shockleyi</i>	Shockley's rock-cress	PDBRA061V0	None	None	G3/S2.2	2.2	Yes
<i>Arabis tiehmii</i>	Tiehm's rock-cress	PDBRA06280	None	None	G2/S2.3	1B.3	Yes
<i>Arctomecon merriamii</i>	white bear poppy	PDPAP02030	None	None	G3/S2.2	2.2	Yes
<i>Arctostaphylos andersonii</i>	Anderson's manzanita	PDERI04030	None	None	G2/S2?	1B.2	Yes
<i>Arctostaphylos auriculata</i>	Mt. Diablo manzanita	PDERI04040	None	None	G2/S2.2	1B.3	Yes
<i>Arctostaphylos bakeri</i> ssp. <i>bakeri</i>	Baker's manzanita	PDERI04221	None	Rare	G2T2/S2.1	1B.1	Yes
<i>Arctostaphylos bakeri</i> ssp. <i>sublaevis</i>	The Cedars manzanita	PDERI04222	None	Rare	G2T2/S2.2	1B.2	Yes
<i>Arctostaphylos canescens</i> ssp. <i>sonomensis</i>	Sonoma canescent manzanita	PDERI04066	None	None	G3G4T2/S2.1	1B.2	Yes
<i>Arctostaphylos catalinae</i>	Santa Catalina Island manzanita	PDERI04070	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos confertiflora</i>	Santa Rosa Island manzanita	PDERI040A0	Endangered	None	G1/S1	1B.2	Yes
<i>Arctostaphylos cruzensis</i>	Arroyo de la Cruz manzanita	PDERI040B0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos densiflora</i>	Vine Hill manzanita	PDERI040C0	None	Endangered	G1/S1.1	1B.1	Yes
<i>Arctostaphylos edmundsii</i>	Little Sur manzanita	PDERI04260	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos gabilanensis</i>	Gabilan Mountains manzanita	PDERI042X0	None	None	G1/S1.2	1B.2	Yes
<i>Arctostaphylos gabrielensis</i>	San Gabriel manzanita	PDERI042P0	None	None	G1/S1.2	1B.2	Yes
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i>	Del Mar manzanita	PDERI040E8	Endangered	None	G5T1/S1.1	1B.1	Yes
<i>Arctostaphylos glutinosa</i>	Schreiber's manzanita	PDERI040G0	None	None	G2/S2.1	1B.2	Yes
<i>Arctostaphylos hispida</i>	Howell's manzanita	PDERI04230	None	None	G3/S3.2	4.2	No
<i>Arctostaphylos hookeri</i> ssp. <i>franciscana</i>	Franciscan manzanita	PDERI040J3	None	None	G3TXC/SX	1A	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Arctostaphylos hookeri</i> ssp. <i>hearstiorum</i>	Hearst's manzanita	PDERI040J4	None	Endangered	G3T1/S1.2	1B.2	Yes
<i>Arctostaphylos hookeri</i> ssp. <i>hookeri</i>	Hooker's manzanita	PDERI040J1	None	None	G3T2?/S2?	1B.2	Yes
<i>Arctostaphylos hookeri</i> ssp. <i>montana</i>	Mt. Tamalpais manzanita	PDERI040J5	None	None	G3T2/S2.2	1B.3	Yes
<i>Arctostaphylos hookeri</i> ssp. <i>ravenii</i>	Presidio manzanita	PDERI040J2	Endangered	Endangered	G3T1/S1.1	1B.1	Yes
<i>Arctostaphylos hooveri</i>	Hoover's manzanita	PDERI040K0	None	None	G3/S3.3?	4.3	No
<i>Arctostaphylos imbricata</i>	San Bruno Mountain manzanita	PDERI040L0	None	Endangered	G1/S1.2	1B.1	Yes
<i>Arctostaphylos klamathensis</i>	Klamath manzanita	PDERI041R0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos luciana</i>	Santa Lucia manzanita	PDERI040N0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos malloryi</i>	Mallory's manzanita	PDERI042V0	None	None	G3/S3.3?	4.3	No
<i>Arctostaphylos manzanita</i> ssp. <i>elegans</i>	Konociti manzanita	PDERI04271	None	None	G5T2/S2.3	1B.3	Yes
<i>Arctostaphylos manzanita</i> ssp. <i>laevigata</i>	Contra Costa manzanita	PDERI04273	None	None	G5T2/S2	1B.2	Yes
<i>Arctostaphylos mendocinoensis</i>	pygmy manzanita	PDERI04280	None	None	G1/S1?	1B.2	Yes
<i>Arctostaphylos mewukka</i> ssp. <i>truei</i>	True's manzanita	PDERI040Q2	None	None	G4?T3/S3.2	4.2	No
<i>Arctostaphylos montaraensis</i>	Montara manzanita	PDERI042W0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos montereyensis</i>	Toro manzanita	PDERI040R0	None	None	G2/S2.1	1B.2	Yes
<i>Arctostaphylos morroensis</i>	Morro manzanita	PDERI040S0	Threatened	None	G2/S2.2	1B.1	Yes
<i>Arctostaphylos myrtifolia</i>	Ione manzanita	PDERI04240	Threatened	None	G2/S2.1	1B.2	Yes
<i>Arctostaphylos nissenana</i>	Nissenan manzanita	PDERI040V0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos nortensis</i>	Del Norte manzanita	PDERI04092	None	None	G4?/S3.3?	4.3	No
<i>Arctostaphylos obispoensis</i>	Bishop manzanita	PDERI040X0	None	None	G3?/S3?	4.3	No
<i>Arctostaphylos osoensis</i>	Oso manzanita	PDERI042S0	None	None	G1/S1.2	1B.2	Yes
<i>Arctostaphylos otayensis</i>	Otay manzanita	PDERI040Y0	None	None	G2/S2.1	1B.2	Yes
<i>Arctostaphylos pacifica</i>	Pacific manzanita	PDERI040Z0	None	Endangered	G1/S1.1	1B.2	Yes
<i>Arctostaphylos pajaroensis</i>	Pajaro manzanita	PDERI04100	None	None	G2/S2.1	1B.1	Yes
<i>Arctostaphylos pallida</i>	pallid manzanita	PDERI04110	Threatened	Endangered	G1/S1.2	1B.1	Yes
<i>Arctostaphylos parryana</i> ssp. <i>tumescens</i>	interior manzanita	PDERI042A1	None	None	G2G3T2T3/S2 S3	4.3	No
<i>Arctostaphylos pechoensis</i>	Pecho manzanita	PDERI04140	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos peninsularis</i> ssp. <i>peninsularis</i>	Peninsular manzanita	PDERI04151	None	None	G2?T2?/S2?	2.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Arctostaphylos pilosula</i>	Santa Margarita manzanita	PDERI04160	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos pumila</i>	sandmat manzanita	PDERI04180	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos purissima</i>	La Purisima manzanita	PDERI041A0	None	None	G2?/S2?	1B.1	Yes
<i>Arctostaphylos rainbowensis</i>	Rainbow manzanita	PDERI042T0	None	None	G2/S2.1	1B.1	Yes
<i>Arctostaphylos refugioensis</i>	Refugio manzanita	PDERI041B0	None	None	G2/S2?	1B.2	Yes
<i>Arctostaphylos regismontana</i>	Kings Mountain manzanita	PDERI041C0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos rudis</i>	sand mesa manzanita	PDERI041E0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos silvicola</i>	Bonny Doon manzanita	PDERI041F0	None	None	G2/S2.1	1B.2	Yes
<i>Arctostaphylos stanfordiana</i> ssp. <i>decumbens</i>	Rincon Ridge manzanita	PDERI041G4	None	None	G3T1/S1.1	1B.1	Yes
<i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i>	Raiche's manzanita	PDERI041G2	None	None	G3T2?/S2?	1B.1	Yes
<i>Arctostaphylos tomentosa</i> ssp. <i>daciticola</i>	dacite manzanita	PDERI041HD	None	None	G4T1/S1.1	1B.1	Yes
<i>Arctostaphylos tomentosa</i> ssp. <i>eastwoodiana</i>	Eastwood's brittle-leaf manzanita	PDERI041H4	None	None	G4T2?/S2?	1B.1	Yes
<i>Arctostaphylos tomentosa</i> ssp. <i>insulicola</i>	island manzanita	PDERI041H5	None	None	G4T3/S3.2	4.2	No
<i>Arctostaphylos tomentosa</i> ssp. <i>subcordata</i>	Santa Cruz Island manzanita	PDERI041H7	None	None	G4T3/S3.2	4.2	No
<i>Arctostaphylos virgata</i>	Marin manzanita	PDERI041K0	None	None	G2/S2.2	1B.2	Yes
<i>Arctostaphylos viridissima</i>	white-haired manzanita	PDERI041L0	None	None	G3/S3.2?	4.2	No
<i>Arctostaphylos wellsi</i>	Wells' manzanita	PDERI042B0	None	None	G2/S2.1?	1B.1	Yes
<i>Arenaria congesta</i> var. <i>charlestontensis</i>	Charleston sandwort	PDCAR0405B	None	None	G5T2?/S1.3	1B.3	Yes
<i>Arenaria lanuginosa</i> ssp. <i>saxosa</i>	rock sandwort	PDCAR040E4	None	None	G5T5/S1.3	2.3	Yes
<i>Arenaria macradenia</i> var. <i>kuschei</i>	Kusche's sandwort	PDCAR040K4	None	None	G5T1/S1.1	1B.1	Yes
<i>Arenaria paludicola</i>	marsh sandwort	PDCAR040L0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Arenaria ursina</i>	Big Bear Valley sandwort	PDCAR040R0	Threatened	None	G2/S2.1	1B.2	Yes
<i>Argyrochosma limitanea</i> var. <i>limitanea</i>	southwestern false cloak-fern	PPADION051	None	None	G4G5T3T4/S2.3	2.3	Yes
<i>Aristocapsa insignis</i>	Indian Valley spineflower	PDPGN0U010	None	None	G2/S2.2	1B.2	Yes
<i>Arnica cernua</i>	serpentine arnica	PDAST0Q040	None	None	G5/S3.3	4.3	No
<i>Arnica fulgens</i>	hillside arnica	PDAST0Q090	None	None	G5/S2.2	2.2	Yes
<i>Arnica spathulata</i>	Klamath arnica	PDAST0Q0M0	None	None	G3?/S3.3	4.3	No
<i>Arnica venosa</i>	Shasta County arnica	PDAST0Q0Q0	None	None	G3/S3.2	4.2	No
<i>Arnica viscosa</i>	Mt. Shasta arnica	PDAST0Q0R0	None	None	G4/S3.3	4.3	No
<i>Artemisia nesiotica</i>	island sagebrush	PDAST0S120	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Artemisia palmeri</i>	San Diego sagewort	PDAST0S160	None	None	G3/S3.2	4.2	Yes
<i>Asarum marmoratum</i>	marbled wild-ginger	PDARI02070	None	None	G3G4/S1.3	2.3	Yes
<i>Asclepias asperula</i> ssp. <i>asperula</i>	antelope-horns	PDASC02051	None	None	G5T5/S3.3	4.3	No
<i>Asclepias nyctaginifolia</i>	Mojave milkweed	PDASC02190	None	None	G4G5/S1.3	2.3	Yes
<i>Asclepias solanoana</i>	serpentine milkweed	PDASC021R0	None	None	G3/S3.2	4.2	No
<i>Aspidotis carlotta-halliae</i>	Carlotta Hall's lace fern	PPADI07020	None	None	G3/S3.2	4.2	No
<i>Asplenium septentrionale</i>	northern spleenwort	PPASP021F0	None	None	G4G5/S2.3	2.3	Yes
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	maidenhair spleenwort	PPASP021K2	None	None	G5T5/S2.3	2.3	Yes
<i>Asplenium trichomanes</i> - <i>ramosum</i>	green spleenwort	PPASP02250	None	None	G4/S1.3	2.3	Yes
<i>Asplenium vespertinum</i>	western spleenwort	PPASP021P0	None	None	G3?/S3.2	4.2	No
<i>Astragalus agnicidus</i>	Humboldt County milk-vetch	PDFAB0F080	None	Endangered	G2/S2.1	1B.1	Yes
<i>Astragalus agrestis</i>	field milk-vetch	PDFAB0F090	None	None	G5/S1.2	2.2	Yes
<i>Astragalus albens</i>	Cushenbury milk-vetch	PDFAB0F0A0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Astragalus allochrous</i> var. <i>playanus</i>	playa milk-vetch	PDFAB0F0C1	None	None	G4T3?/S1.2	2.2	Yes
<i>Astragalus anxius</i>	Ash Valley milk-vetch	PDFAB0FB0	None	None	G1/S1.2	1B.3	Yes
<i>Astragalus argophyllus</i> var. <i>argophyllus</i>	silver-leaved milk-vetch	PDFAB0F0S1	None	None	G5T4/S1.2	2.2	Yes
<i>Astragalus atratus</i> var. <i>mensanus</i>	Darwin Mesa milk-vetch	PDFAB0F0Z3	None	None	G4G5T2/S2.1	1B.1	Yes
<i>Astragalus bicristatus</i>	crested milk-vetch	PDFAB0F1A0	None	None	G3/S3.3	4.3	No
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	PDFAB0F1G0	Endangered	None	G2/S2.1	1B.1	Yes
<i>Astragalus breweri</i>	Brewer's milk-vetch	PDFAB0F1J0	None	None	G3/S3.2	4.2	No
<i>Astragalus cimae</i> var. <i>cimae</i>	Cima milk-vetch	PDFAB0F231	None	None	G2T2/S2.3	1B.2	Yes
<i>Astragalus cimae</i> var. <i>sufflatus</i>	inflated Cima milk-vetch	PDFAB0F232	None	None	G2T2/S2.3	1B.3	Yes
<i>Astragalus claranus</i>	Clara Hunt's milk-vetch	PDFAB0F240	Endangered	Threatened	G1/S1.1	1B.1	Yes
<i>Astragalus clevelandii</i>	Cleveland's milk-vetch	PDFAB0F250	None	None	G3/S3.3?	4.3	No
<i>Astragalus crotalariae</i>	Salton milk-vetch	PDFAB0F2K0	None	None	G4G5/S3.3	4.3	No
<i>Astragalus deanei</i>	Dean's milk-vetch	PDFAB0F2R0	None	None	G2/S2.1	1B.1	Yes
<i>Astragalus didymocarpus</i> var. <i>milesianus</i>	Miles' milk-vetch	PDFAB0F2X3	None	None	G5T2/S2.2	1B.2	Yes
<i>Astragalus douglasii</i> var. <i>perstrictus</i>	Jacumba milk-vetch	PDFAB0F303	None	None	G5T2/S2.2	1B.2	Yes
<i>Astragalus erterae</i>	Walker Pass milk-vetch	PDFAB0FB30	None	None	G1/S1.2	1B.3	Yes
<i>Astragalus funereus</i>	black milk-vetch	PDFAB0F3K0	None	None	G2/S2.2	1B.2	Yes
<i>Astragalus geyeri</i> var. <i>geyeri</i>	Geyer's milk-vetch	PDFAB0F3M1	None	None	G4T4/S2.2	2.2	Yes
<i>Astragalus gilmanii</i>	Gilman's milk-vetch	PDFAB0F3R0	None	None	G2G3/S2.2	1B.2	Yes
<i>Astragalus hornii</i> var. <i>hornii</i>	Horn's milk-vetch	PDFAB0F421	None	None	G4G5T2T3/S2 S3.1	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Astragalus insularis</i> var. <i>harwoodii</i>	Harwood's milk-vetch	PDFAB0F491	None	None	G5T3/S2.2?	2.2	Yes
<i>Astragalus inversus</i>	Susanville milk-vetch	PDFAB0F4A0	None	None	G3/S3.3	4.3	No
<i>Astragalus inyoensis</i>	Inyo milk-vetch	PDFAB0F4B0	None	None	G3/S3.2	4.2	No
<i>Astragalus iodanthus</i> var. <i>diaphanooides</i>	snake milk-vetch	PDFAB0F4C3	None	None	G4T4/S3.3	4.3	No
<i>Astragalus jaegerianus</i>	Lane Mountain milk-vetch	PDFAB0F4F0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Astragalus johannis-howellii</i>	Long Valley milk-vetch	PDFAB0F4H0	None	Rare	G2/S2.2	1B.2	Yes
<i>Astragalus kentrophyta</i> var. <i>danaus</i>	Sweetwater Mountains milk-vetch	PDFAB0F4J2	None	None	G5T2T3/S2S3	4.3	No
<i>Astragalus kentrophyta</i> var. <i>elatus</i>	spiny-leaved milk-vetch	PDFAB0F4J4	None	None	G5T4/S1.2	2.2	Yes
<i>Astragalus kentrophyta</i> var. <i>ungulatus</i>	spiny milk-vetch	PDFAB0F4JB	None	None	G5T3T4/S1.2	2.2	Yes
<i>Astragalus lemmonii</i>	Lemmon's milk-vetch	PDFAB0F4N0	None	None	G3?/S2.2	1B.2	Yes
<i>Astragalus lentiformis</i>	lens-pod milk-vetch	PDFAB0F4P0	None	None	G2/S2.2	1B.2	Yes
<i>Astragalus lentiginosus</i> var. <i>antonius</i>	San Antonio milk-vetch	PDFAB0FB92	None	None	G5T1/S1?	1B.3	Yes
<i>Astragalus lentiginosus</i> var. <i>borreganus</i>	Borrego milk-vetch	PDFAB0FB95	None	None	G5T4T5/S3.3	4.3	No
<i>Astragalus lentiginosus</i> var. <i>coachellae</i>	Coachella Valley milk-vetch	PDFAB0FB97	Endangered	None	G5T2/S2.1	1B.2	Yes
<i>Astragalus lentiginosus</i> var. <i>kernensis</i>	Kern Plateau milk-vetch	PDFAB0FB98	None	None	G5T3?/S2.2?	1B.2	Yes
<i>Astragalus lentiginosus</i> var. <i>micanus</i>	shining milk-vetch	PDFAB0FB9C	None	None	G5T1Q/S1.2	1B.2	Yes
<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	Fish Slough milk-vetch	PDFAB0FB9E	Threatened	None	G5T1/S1.1	1B.1	Yes
<i>Astragalus lentiginosus</i> var. <i>sesquimetalalis</i>	Sand Spring milk-vetch	PDFAB0FB9K	None	Endangered	G5T1/S1.1	1B.1	Yes
<i>Astragalus lentiginosus</i> var. <i>sierrae</i>	Big Bear Valley milk-vetch	PDFAB0FB9L	None	None	G5T1/S1?	1B.2	Yes
<i>Astragalus leucolobus</i>	Big Bear Valley wool woollypod	PDFAB0F4T0	None	None	G2/S2.2	1B.2	Yes
<i>Astragalus macrodon</i>	Salinas milk-vetch	PDFAB0F520	None	None	G3/S3.3	4.3	No
<i>Astragalus magdalena</i> var. <i>peirsonii</i>	Peirson's milk-vetch	PDFAB0F532	Threatened	Endangered	G3G4T2/S2.2	1B.2	Yes
<i>Astragalus miguelensis</i>	San Miguel Island milk-vetch	PDFAB0F5C0	None	None	G3/S3.3?	4.3	No
<i>Astragalus mohavensis</i> var. <i>hemigyrus</i>	curved-pod milk-vetch	PDFAB0F5J1	None	None	G3G4T2T3/SH	1A	Yes
<i>Astragalus monoensis</i>	Mono milk-vetch	PDFAB0F5N0	None	Rare	G2/S2.2	1B	Yes
<i>Astragalus nevinii</i>	San Clemente Island milk-vetch	PDFAB0F5X0	None	None	G2/S2.2	1B.2	Yes
<i>Astragalus nutans</i>	Providence Mountains milk-vetch	PDFAB0F620	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Astragalus nuttallii</i> var. <i>nuttallii</i>	ocean bluff milk-vetch	PDFAB0F641	None	None	G3T3/S3.2	4.2	No
<i>Astragalus oocarpus</i>	San Diego milk-vetch	PDFAB0F6B0	None	None	G2/S2.2	1B.2	Yes
<i>Astragalus oophorus</i> var. <i>lavinii</i>	Lavin's milk-vetch	PDFAB0F6C4	None	None	G4T2/S1	1B.2	Yes
<i>Astragalus oophorus</i> var. <i>oophorus</i>	egg milk-vetch	PDFAB0F6C6	None	None	G4T3T4/S3.3	4.3	No
<i>Astragalus pachypus</i> var. <i>jaegeri</i>	Jaeger's milk-vetch	PDFAB0F6G1	None	None	G4T1/S1.1	1B.1	Yes
<i>Astragalus pauperculus</i>	depauperate milk-vetch	PDFAB0F6N0	None	None	G3/S3.3	4.3	No
<i>Astragalus platytropis</i>	broad-keeled milk-vetch	PDFAB0F6X0	None	None	G5/S1.2	2.2	Yes
<i>Astragalus preussii</i> var. <i>laxiflorus</i>	Lancaster milk-vetch	PDFAB0F721	None	None	G4T2T3/S1.1	1B.1	Yes
<i>Astragalus preussii</i> var. <i>preussii</i>	Preuss' milk-vetch	PDFAB0F722	None	None	G4T4/S1.2	2.3	Yes
<i>Astragalus pseudiodanthus</i>	Tonopah milk-vetch	PDFAB0F750	None	None	G2Q/S2.2	1B.2	Yes
<i>Astragalus pulsiferae</i> var. <i>coronensis</i>	Modoc Plateau milk-vetch	PDFAB0F784	None	None	G4T3/S3.2	4.2	No
<i>Astragalus pulsiferae</i> var. <i>pulsiferae</i>	Pulsifer's milk-vetch	PDFAB0F783	None	None	G4T2/S2.2	1B.2	Yes
<i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	Suksdorf's milk-vetch	PDFAB0F782	None	None	G4T2/S2.2	1B.2	Yes
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	Ventura Marsh milk-vetch	PDFAB0F7B1	Endangered	Endangered	G2T1/S1.1	1B.1	Yes
<i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i>	coastal marsh milk-vetch	PDFAB0F7B2	None	None	G2T2/S2.2	1B.2	Yes
<i>Astragalus rattanii</i> var. <i>jepsonianus</i>	Jepson's milk-vetch	PDFAB0F7E1	None	None	G4T2/S2.2	1B.2	Yes
<i>Astragalus rattanii</i> var. <i>rattanii</i>	Rattan's milk-vetch	PDFAB0F7E2	None	None	G4T3/S3.3	4.3	No
<i>Astragalus ravenii</i>	Raven's milk-vetch	PDFAB0F7F0	None	None	G1Q/S1.2	1B	Yes
<i>Astragalus serenoi</i> var. <i>shockleyi</i>	Shockley's milk-vetch	PDFAB0F802	None	None	G4T3/S2?	2.2	Yes
<i>Astragalus shevockii</i>	Shevock's milk-vetch	PDFAB0F850	None	None	G2/S2.2	1B.3	Yes
<i>Astragalus subvestitus</i>	Kern County milk-vetch	PDFAB0F8M0	None	None	G3/S3.3	4.3	No
<i>Astragalus tener</i> var. <i>ferrisiae</i>	Ferris' milk-vetch	PDFAB0F8R3	None	None	G1T1/S1.1	1B.1	Yes
<i>Astragalus tener</i> var. <i>tener</i>	alkali milk-vetch	PDFAB0F8R1	None	None	G1T1/S1.1	1B.2	Yes
<i>Astragalus tener</i> var. <i>titi</i>	coastal dunes milk-vetch	PDFAB0F8R2	Endangered	Endangered	G1T1/S1.1	1B.1	Yes
<i>Astragalus traskiae</i>	Trask's milk-vetch	PDFAB0F910	None	Rare	G2/S2.2	1B.2	Yes
<i>Astragalus tricarinatus</i>	triple-ribbed milk-vetch	PDFAB0F920	Endangered	None	G1/S1.2	1B.2	Yes
<i>Astragalus umbraticus</i>	Bald Mountain milk-vetch	PDFAB0F990	None	None	G4/S2.3	2.3	Yes
<i>Astragalus webberi</i>	Webber's milk-vetch	PDFAB0F9J0	None	None	G1/S1.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Astragalus whitneyi</i> var. <i>lenophyllus</i>	woolly-leaved milk-vetch	PDFAB0F9L6	None	None	G5T3/S3.3	4.3	No
<i>Astrolepis cochisensis</i> ssp. <i>cochisensis</i>	scaly cloak fern	PPADI0P013	None	None	G5?T4/S2.3	2.3	Yes
<i>Atriplex argentea</i> var. <i>hillmanii</i>	Hillman's silverscale	PDCHE04055	None	None	G5T3?/S2.2	2.2	Yes
<i>Atriplex cordulata</i>	heartscale	PDCHE040B0	None	None	G2?/S2.2?	1B.2	Yes
<i>Atriplex coronata</i> var. <i>coronata</i>	crownscale	PDCHE040C3	None	None	G4T3/S3.2	4.2	No
<i>Atriplex coronata</i> var. <i>notariot</i>	San Jacinto Valley crownscale	PDCHE040C2	Endangered	None	G4T1/S1.1	1B.1	Yes
<i>Atriplex coulteri</i>	Coulter's saltbush	PDCHE040E0	None	None	G2/S2.2	1B.2	Yes
<i>Atriplex depressa</i>	brittlescale	PDCHE042L0	None	None	G2Q/S2.2	1B.2	Yes
<i>Atriplex erecticaulis</i>	Earlimart orache	PDCHE042V0	None	None	G2/S2.2	1B.2	Yes
<i>Atriplex gardneri</i> var. <i>falcata</i>	falcate saltbush	PDCHE040J0	None	None	G4Q/S2.2	2.2	Yes
<i>Atriplex joaquiniana</i>	San Joaquin spearscale	PDCHE041F3	None	None	G2/S2.1	1B.2	Yes
<i>Atriplex minuscula</i>	lesser saltscale	PDCHE042M0	None	None	G1/S1.1	1B.1	Yes
<i>Atriplex pacifica</i>	South Coast saltscale	PDCHE041C0	None	None	G3G4/S2.2	1B.2	Yes
<i>Atriplex parishii</i>	Parish's brittlescale	PDCHE041D0	None	None	G1G2/S1.1	1B.1	Yes
<i>Atriplex persistens</i>	vernal pool smallscale	PDCHE042P0	None	None	G2/S2.2	1B.2	Yes
<i>Atriplex pusilla</i>	smooth saltbush	PDCHE041P0	None	None	G5/S1	2	Yes
<i>Atriplex serenana</i> var. <i>davidsonii</i>	Davidson's saltscale	PDCHE041T1	None	None	G5T2?/S2?	1B.2	Yes
<i>Atriplex subtilis</i>	subtle orache	PDCHE042T0	None	None	G2/S2.2	1B.2	Yes
<i>Atriplex tularensis</i>	Bakersfield smallscale	PDCHE04240	None	Endangered	G1Q/S1.1	1B.1	Yes
<i>Atriplex vallicola</i>	Lost Hills crownscale	PDCHE04250	None	None	G1/S1.1	1B.2	Yes
<i>Ayenia compacta</i>	California ayenia	PDSTE01020	None	None	G4/S3.3	2.3	Yes
<i>Azolla mexicana</i>	Mexican mosquito fern	PPAZO01030	None	None	G5/S3.2?	4.2	No
<i>Baccharis malibuensis</i>	Malibu baccharis	PDAST0W0W0	None	None	G1/S1.1	1B.1	Yes
<i>Baccharis plummerae</i> ssp. <i>glabrat</i> a	San Simeon baccharis	PDAST0W0D1	None	None	G3T1/S1.2	1B.2	Yes
<i>Baccharis plummerae</i> ssp. <i>plummerae</i>	Plummer's baccharis	PDAST0W0D2	None	None	G3T3/S3.2	4.3	No
<i>Baccharis vanessae</i>	Encinitas baccharis	PDAST0W0P0	Threatened	Endangered	G1/S1.1	1B.1	Yes
<i>Balsamorhiza lanata</i>	woolly balsamroot	PDAST11047	None	None	G2/S2.2	1B.2	Yes
<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	big-scale balsamroot	PDAST11061	None	None	G3G4T2/S2.2	1B.2	Yes
<i>Balsamorhiza sericea</i>	silky balsamroot	PDAST110C0	None	None	G4Q/S2.3	1B.3	Yes
<i>Balsamorhiza serrata</i>	serrated balsamroot	PDAST110A0	None	None	G5/S1.3	2.3	Yes
<i>Benitoa occidentalis</i>	western lessingia	PDAST15010	None	None	G3/S3.3	4.3	No
<i>Bensoniella oregonia</i>	bensoniella	PDSAX02010	None	Rare	G3/S2.2	1B.1	Yes
<i>Berberis fremontii</i>	Fremont barberry	PDBER06060	None	None	G5/S2?	3	Yes
<i>Berberis harrisoniana</i>	Kofa barberry	PDBER02030	None	None	G1G2/S1.2	1B.2	Yes
<i>Berberis nevinii</i>	Nevin's barberry	PDBER060A0	Endangered	Endangered	G2/S2.2	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

California Department of Fish and Game

Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
Berberis pinnata ssp. insularis	island barberry	PDBER060B2	Endangered	Endangered	G5T1/S1.2	1B.2	Yes
Bergerocactus emoryi	golden-spined cereus	PDCAC11010	None	None	G2G3/S2.1	2.2	Yes
Betula glandulosa	dwarf resin birch	PDBET02030	None	None	G5/S2.2	2.2	Yes
Blennosperma bakeri	Sonoma sunshine	PDAST1A010	Endangered	Endangered	G1/S1.2	1B.1	Yes
Blennosperma nanum var. robustum	Point Reyes blennosperma	PDAST1A022	None	Rare	G4T1/S1.2	1B.2	Yes
Blepharidachne kingii	King's eyelash grass	PMPOA0X020	None	None	G4/S1.3	2.3	Yes
Blepharizonia plumosa	big tarplant	PDAST1C011	None	None	G1/S1.1	1B.1	Yes
Bloomeria clevelandii	San Diego goldenstar	PMLIL1H010	None	None	G2/S2.2	1B.1	Yes
Bloomeria humilis	dwarf goldenstar	PMLIL0B020	None	Rare	G1/S1.1	1B.2	Yes
Boechera pendulina	rabbit-ear rockcress	PDBRA061E0	None	None	G5/S1.3	2.3	Yes
Boechera yorkii	Last Chance rockcress	PDBRA40010	None	None	G1/S1.3	1B.3	Yes
Bolandra californica	Sierra bolandra	PDSAX03010	None	None	G3/S3.3	4.3	No
Boschniakia hookeri	small groundcone	PDORO01010	None	None	G5/S1S2	2.3	Yes
Botrychium ascendens	upswept moonwort	PPOPH010S0	None	None	G2G3/S1.3?	2.3	Yes
Botrychium crenulatum	scalloped moonwort	PPOPH010L0	None	None	G3/S2.2	2.2	Yes
Botrychium lineare	slender moonwort	PPOPH01120	None	None	G2?/S1.3	1B.3	Yes
Botrychium lunaria	common moonwort	PPOPH01080	None	None	G5/S2?	2.3	Yes
Botrychium minganense	mingan moonwort	PPOPH010R0	None	None	G4/S1.2	2.2	Yes
Botrychium montanum	western goblin	PPOPH010K0	None	None	G3/S1.1	2.1	Yes
Botrychium pinnatum	northwestern moonwort	PPOPH010V0	None	None	G4?/S1.3?	2.3	Yes
Botrychium virginianum	rattlesnake fern	PPOPH010H0	None	None	G5/S1.2	2.2	Yes
Bouteloua eriopoda	black grama	PMPOA10080	None	None	G5/S3.2	4.2	No
Bouteloua trifida	three-awned grama	PMPOA100L0	None	None	G4G5/S2?	2.3	Yes
Brodiaea californica var. leptandra	narrow-anthered California brodiaea	PMLIL0C022	None	None	G4? T2T3/S2S3.2	1B.2	Yes
Brodiaea coronaria ssp. rosea	Indian Valley brodiaea	PMLIL0C032	None	Endangered	G4T1/S1.1	1B.1	Yes
Brodiaea filifolia	thread-leaved brodiaea	PMLIL0C050	Threatened	Endangered	G2/S2.1	1B.1	Yes
Brodiaea insignis	Kaweah brodiaea	PMLIL0C060	None	Endangered	G2/S2.1	1B.2	Yes
Brodiaea kinkiensis	San Clemente Island brodiaea	PMLIL0C080	None	None	G2/S2.2	1B.2	Yes
Brodiaea orcuttii	Orcutt's brodiaea	PMLIL0C0B0	None	None	G3/S3.1	1B.1	Yes
Brodiaea pallida	Chinese Camp brodiaea	PMLIL0C0C0	Threatened	Endangered	G1/S1.1	1B.1	Yes
Brodiaea santarosae	Santa Rosa Basalt brodiaea	PMLIL0C0G0	None	None	G1Q/S1.3	3	No
Bulbostylis capillaris	thread-leaved beakseed	PMCYP02020	None	None	G5/S3.2	4.2	No
Bursera microphylla	little-leaf elephant tree	PDBUR01020	None	None	G4/S2.3	2.3	Yes
Calamagrostis bolanderi	Bolander's reed grass	PMPOA17010	None	None	G3/S3.2	4.2	No
Calamagrostis crassiglumis	Thurber's reed grass	PMPOA17070	None	None	G3Q/S1.2	2.1	Yes
Calamagrostis foliosa	leafy reed grass	PMPOA170C0	None	Rare	G3/S3.2	4.2	Yes
Calamagrostis ophitidis	serpentine reed grass	PMPOA170V0	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Calandrinia breweri</i>	Brewer's calandrinia	PDPOR01020	None	None	G4/S3.2?	4.2	No
<i>Calandrinia maritima</i>	seaside calandrinia	PDPOR09020	None	None	G3G4/S3.2	4.2	No
<i>California macrophylla</i>	round-leaved filaree	PDGER01070	None	None	G3/S3.1	1B.1	Yes
<i>Calliandra eriophylla</i>	pink fairy-duster	PDFAB0N040	None	None	G5/S2.3	2.3	Yes
<i>Callitropsis abramsiana</i>	Santa Cruz cypress	PGCUP04080	Endangered	Endangered	G1/S1.1	1B.2	Yes
<i>Callitropsis bakeri</i>	Baker's cypress	PGCUP04020	None	None	G3/S3.2	4.2	No
<i>Callitropsis forbesii</i>	Tecate cypress	PGCUP040C0	None	None	G2/S1.1	1B.1	Yes
<i>Callitropsis goveniana</i>	Gowen cypress	PGCUP04031	Threatened	None	G1/S1.2	1B.2	Yes
<i>Callitropsis macrocarpa</i>	Monterey cypress	PGCUP04060	None	None	G1/S1.2	1B.2	Yes
<i>Callitropsis nevadensis</i>	Piute cypress	PGCUP04012	None	None	G2/S2.2	1B.2	Yes
<i>Callitropsis nootkatensis</i>	Alaska cedar	PGCUP03020	None	None	G4/S3.3	4.3	No
<i>Callitropsis pygmaea</i>	pygmy cypress	PGCUP04032	None	None	G2T2/S2.2	1B.2	Yes
<i>Callitropsis stephensonii</i>	Cuyamaca cypress	PGCUP040B0	None	None	G1/S1.2	1B.1	Yes
<i>Calochortus catalinae</i>	Catalina mariposa-lily	PMLIL0D080	None	None	G3/S3.2	4.2	No
<i>Calochortus clavatus</i> var. <i>avius</i>	Pleasant Valley mariposa-lily	PMLIL0D095	None	None	G4T3/S3.2	1B.2	Yes
<i>Calochortus clavatus</i> var. <i>clavatus</i>	club-haired mariposa-lily	PMLIL0D091	None	None	G4T3/S3.3	4.3	No
<i>Calochortus clavatus</i> var. <i>gracilis</i>	slender mariposa-lily	PMLIL0D096	None	None	G4T1/S1.1?	1B.2	Yes
<i>Calochortus clavatus</i> var. <i>recurvifolius</i>	Arroyo de la Cruz mariposa-lily	PMLIL0D098	None	None	G4T1/S1.2	1B.2	Yes
<i>Calochortus dunnii</i>	Dunn's mariposa-lily	PMLIL0D0C0	None	Rare	G2/S2.1	1B.2	Yes
<i>Calochortus excavatus</i>	Inyo County star-tulip	PMLIL0D0F0	None	None	G3/S3.1	1B.1	Yes
<i>Calochortus greenei</i>	Greene's mariposa-lily	PMLIL0D0H0	None	None	G3/S3.2	1B.2	Yes
<i>Calochortus longibarbus</i> var. <i>longibarbus</i>	long-haired star-tulip	PMLIL0D0R1	None	None	G4T4/S3.2	1B.2	Yes
<i>Calochortus monanthus</i>	single-flowered mariposa-lily	PMLIL0D0W0	None	None	GH/SH	1A	Yes
<i>Calochortus obispoensis</i>	La Panza mariposa-lily	PMLIL0D110	None	None	G2/S2.1	1B.2	Yes
<i>Calochortus palmeri</i> var. <i>munzii</i>	San Jacinto mariposa-lily	PMLIL0D121	None	None	G2T1/S1.2	1B.2	Yes
<i>Calochortus palmeri</i> var. <i>palmeri</i>	Palmer's mariposa-lily	PMLIL0D122	None	None	G2T2/S2.1	1B.2	Yes
<i>Calochortus panamintensis</i>	Panamint mariposa-lily	PMLIL0D130	None	None	G3/S3.2	4.2	No
<i>Calochortus persistens</i>	Siskiyou mariposa-lily	PMLIL0D140	Candidate	Rare	G2/S2.2	1B.2	Yes
<i>Calochortus plummerae</i>	Plummer's mariposa-lily	PMLIL0D150	None	None	G3/S3.2	1B.2	Yes
<i>Calochortus pulchellus</i>	Mt. Diablo fairy-lantern	PMLIL0D160	None	None	G2/S2.1	1B.2	Yes
<i>Calochortus raichei</i>	The Cedars fairy-lantern	PMLIL0D1L0	None	None	G1/S1.2	1B.2	Yes
<i>Calochortus simulans</i>	San Luis Obispo mariposa-lily	PMLIL0D170	None	None	G2/S2.3	1B.3	Yes
<i>Calochortus striatus</i>	alkali mariposa-lily	PMLIL0D190	None	None	G2/S2.2	1B.2	Yes
<i>Calochortus syntrophus</i>	Callahan's mariposa-lily	PMLIL0D1S0	None	None	G1/S1.1	3.1	No
<i>Calochortus tiburonensis</i>	Tiburon mariposa-lily	PMLIL0D1C0	Threatened	Threatened	G1/S1.2	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Calochortus umbellatus</i>	Oakland star-tulip	PMLIL0D1E0	None	None	G3/S3.2	4.2	No
<i>Calochortus weedii</i> var. <i>intermedius</i>	intermediate mariposa-lily	PMLIL0D1J1	None	None	G3G4T2/S2.2	1B.2	Yes
<i>Calochortus weedii</i> var. <i>vestus</i>	late-flowered mariposa-lily	PMLIL0D1J2	None	None	G3G4T2/S2.2	1B.2	Yes
<i>Calochortus westonii</i>	Shirley Meadows star-tulip	PMLIL0D1M0	None	None	G2/S2.2	1B.2	Yes
<i>Calycadenia hooveri</i>	Hoover's calycadenia	PDAST1P040	None	None	G2/S2.2	1B.3	Yes
<i>Calycadenia micrantha</i>	small-flowered calycadenia	PDAST1P0C0	None	None	G2G3/S2S3.2	1B.2	Yes
<i>Calycadenia oppositifolia</i>	Butte County calycadenia	PDAST1P070	None	None	G3/S3.2	4.2	No
<i>Calycadenia villosa</i>	dwarf calycadenia	PDAST1P0B0	None	None	G2/S2.1	1B.1	Yes
<i>Calyptidium parryi</i> var. <i>hesseae</i>	Santa Cruz Mountains pussypaws	PDPOR09052	None	None	G3G4T2/S2	1B.1	Yes
<i>Calyptidium pulchellum</i>	Mariposa pussypaws	PDPOR09060	Threatened	None	G1/S1.1	1B.1	Yes
<i>Calyptidium quadripetalum</i>	four-petaled pussypaws	PDPOR09080	None	None	G3/S3.3	4.3	No
<i>Calystegia atriplicifolia</i> ssp. <i>butensis</i>	Butte County morning-glory	PDCON04012	None	None	G5T3/S3.2	1B.2	Yes
<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	Mt. Saint Helena morning-glory	PDCON04032	None	None	G4T3/S3.2	4.2	Yes
<i>Calystegia collina</i> ssp. <i>tridactyls</i>	coast range bindweed	PDCON04036	None	None	G4T1/S1.2	1B.2	Yes
<i>Calystegia collina</i> ssp. <i>venusta</i>	South Coast Range morning-glory	PDCON04034	None	None	G4T3/S3.2	4.3	No
<i>Calystegia macrostegia</i> ssp. <i>amplissima</i>	island morning-glory	PDCON04081	None	None	G4G5T3/S3.3	4.3	No
<i>Calystegia malacophylla</i> var. <i>berryi</i>	Berry's morning-glory	PDCON040K2	None	None	G4G5T3? Q/S3?	3.3	No
<i>Calystegia peirsonii</i>	Peirson's morning-glory	PDCON040A0	None	None	G3/S3.2	4.2	Yes
<i>Calystegia purpurata</i> ssp. <i>saxicola</i>	coastal bluff morning-glory	PDCON040D2	None	None	G4T2/S2.2	1B.2	Yes
<i>Calystegia sepium</i> ssp. <i>binghamiae</i>	Santa Barbara morning-glory	PDCON040E6	None	None	G5TH/SH	1A	Yes
<i>Calystegia stebbinsii</i>	Stebbins' morning-glory	PDCON040H0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Calystegia subacaulis</i> ssp. <i>episcopalis</i>	Cambria morning-glory	PDCON040J1	None	None	G3T1/S1.2	1B.2	Yes
<i>Camissonia arenaria</i>	sand evening-primrose	PDONA03020	None	None	G4?/S3.3	4.3	No
<i>Camissonia benitensis</i>	San Benito evening-primrose	PDONA03030	Threatened	None	G1/S1.1	1B.1	Yes
<i>Camissonia boothii</i> ssp. <i>alyssoides</i>	Pine Creek evening-primrose	PDONA03051	None	None	G5T4/S3.3	4.3	No
<i>Camissonia boothii</i> ssp. <i>boothii</i>	Booth's evening-primrose	PDONA03052	None	None	G5T4/S2.3	2.3	Yes
<i>Camissonia boothii</i> ssp. <i>intermedia</i>	Booth's hairy evening-primrose	PDONA03056	None	None	G5T3T4/S2.3	2.3	Yes
<i>Camissonia claviformis</i> ssp. <i>cruciformis</i>	cruciform evening-primrose	PDONA030D4	None	None	G5T4/S2S3	2.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Camissonia guadalupensis</i> ssp. <i>clementina</i>	San Clemente Island evening-primrose	PDONA030M1	None	None	G2T2/S2.2	1B.2	Yes
<i>Camissonia hardhamiae</i>	Hardham's evening-primrose	PDONA030N0	None	None	G1Q/S1.2	1B.2	Yes
<i>Camissonia integrifolia</i>	Kern River evening-primrose	PDONA030T0	None	None	G3/S3.3	1B.3	Yes
<i>Camissonia kernensis</i> ssp. <i>kernensis</i>	Kern County evening-primrose	PDONA030V2	None	None	G4T3/S3.3	4.3	No
<i>Camissonia lewisii</i>	Lewis' evening-primrose	PDONA030X0	None	None	G2G3/S1S3	3	No
<i>Camissonia minor</i>	Nelson's evening-primrose	PDONA03110	None	None	G4/S2.3	2.3	Yes
<i>Camissonia sierrae</i> ssp. <i>alticola</i>	Mono Hot Springs evening-primrose	PDONA031H1	None	None	G3T2/S2.2	1B.2	Yes
<i>Camissonia sierrae</i> ssp. <i>sierrae</i>	Yosemite evening-primrose	PDONA031H2	None	None	G3T3/S3.3	4.3	No
<i>Camissonia tanacetifolia</i> ssp. <i>quadriperforata</i>	Sierra Valley evening-primrose	PDONA031M1	None	None	G5T3/S3.2	4.3	Yes
<i>Campanula californica</i>	swamp harebell	PDCAM02060	None	None	G3/S3.2	1B.2	Yes
<i>Campanula exigua</i>	chaparral harebell	PDCAM020A0	None	None	G2/S2.2	1B.2	Yes
<i>Campanula scabrella</i>	rough harebell	PDCAM020U0	None	None	G4/S3.3	4.3	No
<i>Campanula sharsmithiae</i>	Sharsmith's harebell	PDCAM02100	None	None	G1/S1.2	1B.2	Yes
<i>Campanula shetleri</i>	Castle Crags harebell	PDCAM020W0	None	None	G2/S2.3	1B.3	Yes
<i>Campanula wilkinsiana</i>	Wilkin's harebell	PDCAM020Z0	None	None	G2/S2.2	1B.2	Yes
<i>Canbya candida</i>	white pygmy-poppy	PDPAP05020	None	None	G3/S3.2	4.2	Yes
<i>Cardamine bellidifolia</i> var. <i>pachyphylla</i>	fleshy toothwort	PDBRA0K022	None	None	G5T4/S3.3	4.3	No
<i>Cardamine nuttallii</i> var. <i>gummata</i>	yellow-tubered toothwort	PDBRA0K0R3	None	None	G5T3/S2.2	1B.3	Yes
<i>Cardamine pachystigma</i> var. <i>dissectifolia</i>	dissected-leaved toothwort	PDBRA0K1B1	None	None	G3G5T3/S3	3	No
<i>Carex albida</i>	Sonoma white sedge	PMCYP030D0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Carex arcta</i>	northern clustered sedge	PMCYP030X0	None	None	G5/S1S2	2.2	Yes
<i>Carex atherodes</i>	wheat sedge	PMCYP03160	None	None	G5/S1.2	2.2	Yes
<i>Carex buxbaumii</i>	Buxbaum's sedge	PMCYP032B0	None	None	G5/S3.2	4.2	No
<i>Carex californica</i>	California sedge	PMCYP032D0	None	None	G5/S2?	2.3	Yes
<i>Carex comosa</i>	bristly sedge	PMCYP032Y0	None	None	G5/S2?	2.1	Yes
<i>Carex congdonii</i>	Congdon's sedge	PMCYP03320	None	None	G3/S3.3	4.3	No
<i>Carex constanceana</i>	Constance's sedge	PMCYP03LJ0	None	None	G1/S1.1	1B.1	Yes
<i>Carex davyi</i>	Davy's sedge	PMCYP033H0	None	None	G3/S3.3	4.3	No
<i>Carex eleocharis</i>	spikerush sedge	PMCYP03450	None	None	G5/S2?	2.3	Yes
<i>Carex geyeri</i>	Geyer's sedge	PMCYP03540	None	None	G5/S3.2	4.2	No
<i>Carex halliana</i>	Oregon sedge	PMCYP035M0	None	None	G4G5/S1.3?	2.3	Yes
<i>Carex hystericina</i>	porcupine sedge	PMCYP036D0	None	None	G5/S1.1	2.1	Yes
<i>Carex incurviformis</i> var. <i>danaensis</i>	Mount Dana sedge	PMCYP036G1	None	None	G4G5T3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Carex inops</i> ssp. <i>inops</i>	long-stoloned sedge	PMCYP036H1	None	None	G5T4?/S3?	3.3	No
<i>Carex klamathensis</i>	Klamath sedge	PMCYP03L70	None	None	G2/S1.2	1B.2	Yes
<i>Carex lasiocarpa</i>	woolly-fruited sedge	PMCYP03720	None	None	G5/S1.3?	2.3	Yes
<i>Carex lenticularis</i> var. <i>limnophila</i>	lagoon sedge	PMCYP037A7	None	None	G5T5/S1S2.2	2.2	Yes
<i>Carex leptalea</i>	bristle-stalked sedge	PMCYP037E0	None	None	G5/S2?	2.2	Yes
<i>Carex limosa</i>	mud sedge	PMCYP037K0	None	None	G5/S3?	2.2	Yes
<i>Carex livida</i>	livid sedge	PMCYP037L0	None	None	G5/S1	1A	Yes
<i>Carex lyngbyei</i>	Lyngbye's sedge	PMCYP037Y0	None	None	G5/S2.2	2.2	Yes
<i>Carex obispoensis</i>	San Luis Obispo sedge	PMCYP039J0	None	None	G2/S2.2	1B.2	Yes
<i>Carex occidentalis</i>	western sedge	PMCYP039M0	None	None	G4/S2S3	2.3	Yes
<i>Carex parryana</i> var. <i>hallii</i>	Parry's sedge	PMCYP035N0	None	None	G4?Q/S1.3	2.3	Yes
<i>Carex petasata</i>	Liddon's sedge	PMCYP03AE0	None	None	G5/S1S2	2.3	Yes
<i>Carex praticola</i>	northern meadow sedge	PMCYP03B20	None	None	G5/S2S3	2.2	Yes
<i>Carex saliniformis</i>	deceiving sedge	PMCYP03BY0	None	None	G2/S2.2	1B.2	Yes
<i>Carex scabriuscula</i>	Cascade sedge	PMCYP03C40	None	None	G3G4/S3.3?	4.3	No
<i>Carex scirpoidea</i> ssp. <i>pseudoscirpoidea</i>	western single-spiked sedge	PMCYP03C85	None	None	G5T5/S1.2	2.2	Yes
<i>Carex scoparia</i>	pointed broom sedge	PMCYP03C90	None	None	G5/S2S3	2.2	Yes
<i>Carex serpenticola</i>	serpentine sedge	PMCYP03KM0	None	None	G4/S2.3	2.3	Yes
<i>Carex sheldonii</i>	Sheldon's sedge	PMCYP03CE0	None	None	G4/S2.2	2.2	Yes
<i>Carex tahoensis</i>	Tahoe sedge	PMCYP03DG0	None	None	G3G4Q/S3.3	4.3	No
<i>Carex tiogana</i>	Tioga Pass sedge	PMCYP03GP0	None	None	G1/S1.2	1B.3	Yes
<i>Carex tompkinsii</i>	Tompkins' sedge	PMCYP03DR0	None	Rare	G3/S3.3	4.3	Yes
<i>Carex vallicola</i>	western valley sedge	PMCYP03EA0	None	None	G5/S2.3	2.3	Yes
<i>Carex viridula</i> var. <i>viridula</i>	green yellow sedge	PMCYP03EM3	None	None	G5T5/S1.3	2.3	Yes
<i>Carex vulpinoidea</i>	brown fox sedge	PMCYP03EN0	None	None	G5/S2.2	2.2	Yes
<i>Carlowrightia arizonica</i>	Arizona carlowrightia	PDACA07010	None	None	G4G5/S1.3	2.2	Yes
<i>Carlquistia muirii</i>	Muir's tarplant	PDASTDU010	None	None	G2/S2.3	1B.3	Yes
<i>Carnegiea gigantea</i>	saguaro	PDCAC12010	None	None	G5/S1.2	2.2	Yes
<i>Carpenteria californica</i>	tree-anemone	PDHDR04010	None	Threatened	G2/S2.2	1B.2	Yes
<i>Castela emoryi</i>	Emory's crucifixion-thorn	PDSIM03030	None	None	G3/S2.2	2.3	Yes
<i>Castilleja affinis</i> ssp. <i>litoralis</i>	Oregon coast paintbrush	PDSCR0D012	None	None	G4G5T4/S2.2	2.2	Yes
<i>Castilleja affinis</i> ssp. <i>neglecta</i>	Tiburon paintbrush	PDSCR0D013	Endangered	Threatened	G4G5T1/S1.2	1B.2	Yes
<i>Castilleja ambigua</i> ssp. <i>humboldtiensis</i>	Humboldt Bay owl's-clover	PDSCR0D402	None	None	G4T2/S2.2	1B.2	Yes
<i>Castilleja campestris</i> ssp. <i>succulenta</i>	succulent owl's-clover	PDSCR0D3Z1	Threatened	Endangered	G4?T2/S2.2	1B.2	Yes
<i>Castilleja cinerea</i>	ash-gray paintbrush	PDSCR0D0H0	Threatened	None	G2/S2.2	1B.2	Yes
<i>Castilleja densiflora</i> ssp. <i>obispoensis</i>	San Luis Obispo owl's-clover	PDSCR0D453	None	None	G5T2/S2.2	1B.2	Yes
<i>Castilleja gleasonii</i>	Mt. Gleason paintbrush	PDSCR0D140	None	Rare	G2Q/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Castilleja grisea</i>	San Clemente Island paintbrush	PDSCR0D160	Endangered	Endangered	G2/S2.2	1B.2	Yes
<i>Castilleja hispida</i> ssp. <i>brevilobata</i>	short-lobed paintbrush	PDSCR0D181	None	None	G5T3/S3.2	4.2	No
<i>Castilleja lanata</i> ssp. <i>hololeuca</i>	island white-felted paintbrush	PDSCR0D1L1	None	None	G5T3/S3.2	1B.2	Yes
<i>Castilleja lasiorhyncha</i>	San Bernardino Mountains owl's-clover	PDSCR0D410	None	None	G2/S2.2	1B.2	Yes
<i>Castilleja latifolia</i>	Monterey Coast paintbrush	PDSCR0D1P0	None	None	G3/S3.3	4.3	No
<i>Castilleja mendocinensis</i>	Mendocino Coast paintbrush	PDSCR0D3N0	None	None	G2/S2.2	1B.2	Yes
<i>Castilleja miniata</i> ssp. <i>elata</i>	Siskiyou paintbrush	PDSCR0D213	None	None	G5T3/S2.2	2.2	Yes
<i>Castilleja mollis</i>	soft-leaved paintbrush	PDSCR0D230	Endangered	None	G1/S1.1	1B.1	Yes
<i>Castilleja montigena</i>	Heckard's paintbrush	PDSCR0D3G0	None	None	G3/S3.3	4.3	No
<i>Castilleja plagiotoma</i>	Mojave paintbrush	PDSCR0D2J0	None	None	G3/S3.3	4.3	No
<i>Castilleja rubicundula</i> ssp. <i>rubicundula</i>	pink creamsacs	PDSCR0D482	None	None	G5T2/S2.2	1B.2	Yes
<i>Castilleja schizotricha</i>	split-hair paintbrush	PDSCR0D2Y0	None	None	G3/S3.3	4.3	No
<i>Castilleja uliginosa</i>	Pitkin Marsh Indian paintbrush	PDSCR0D380	None	Endangered	GXQ/SX	1A	Yes
<i>Caulanthus amplexicaulis</i> var. <i>barbarae</i>	Santa Barbara jewel-flower	PDBRA0M012	None	None	G3?T1/S1.1	1B.1	Yes
<i>Caulanthus californicus</i>	California jewel-flower	PDBRA31010	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Caulanthus coulteri</i> var. <i>lemonii</i>	Lemmon's jewelflower	PDBRA0M0E0	None	None	G4T2/S2.2	1B.2	Yes
<i>Caulanthus major</i> var. <i>nevadensis</i>	slender jewelflower	PDBRA0M0F1	None	None	G4T3?/S3.3	4.3	No
<i>Caulanthus simulans</i>	Payson's jewel-flower	PDBRA0M0H0	None	None	G3/S3.2	4.2	Yes
<i>Caulostrema jaegeri</i>	Jaeger's caulostrema	PDBRA0N010	None	None	G1/S1.2	1B.2	Yes
<i>Ceanothus confusus</i>	Rincon Ridge ceanothus	PDRHA04220	None	None	G2/S2.2	1B.1	Yes
<i>Ceanothus cuneatus</i> var. <i>fascicularis</i>	Lompoc ceanothus	PDRHA04066	None	None	G5T3/S3.2	4.2	No
<i>Ceanothus cuneatus</i> var. <i>rigidus</i>	Monterey ceanothus	PDRHA04067	None	None	G5T3/S3.2	4.2	No
<i>Ceanothus cyaneus</i>	Lakeside ceanothus	PDRHA04070	None	None	G2/S2.2	1B.2	Yes
<i>Ceanothus divergens</i>	Calistoga ceanothus	PDRHA04240	None	None	G2/S2.2	1B.2	Yes
<i>Ceanothus ferrisiae</i>	Coyote ceanothus	PDRHA041N0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Ceanothus foliosus</i> var. <i>vineatus</i>	Vine Hill ceanothus	PDRHA040D6	None	None	G3T1/S1?	1B.1	Yes
<i>Ceanothus fresnensis</i>	Fresno ceanothus	PDRHA040E0	None	None	G3/S3.3	4.3	No
<i>Ceanothus gloriosus</i> var. <i>exaltatus</i>	glory brush	PDRHA040F4	None	None	G3G4T3/S3.3	4.3	No
<i>Ceanothus gloriosus</i> var. <i>Point Reyes ceanothus gloriosus</i>	Point Reyes ceanothus gloriosus	PDRHA040F5	None	None	G3G4T3/S3.3	4.3	No
<i>Ceanothus gloriosus</i> var. <i>Mt. Vision ceanothus porrectus</i>	Mt. Vision ceanothus porrectus	PDRHA040F7	None	None	G3G4T2/S2.2	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Ceanothus hearstiorum</i>	Hearst's ceanothus	PDRHA040J0	None	Rare	G1/S1.2	1B.2	Yes
<i>Ceanothus maritimus</i>	maritime ceanothus	PDRHA040T0	None	Rare	G2/S2.2	1B.2	Yes
<i>Ceanothus masonii</i>	Mason's ceanothus	PDRHA04200	None	Rare	G1/S1.3	1B.2	Yes
<i>Ceanothus megacarpus</i> var. <i>insularis</i>	island ceanothus	PDRHA040W1	None	None	G5T3/S3.3	4.3	No
<i>Ceanothus ophiochilus</i>	Vail Lake ceanothus	PDRHA041M0	Threatened	Endangered	G1/S1.1	1B.1	Yes
<i>Ceanothus otayensis</i>	Otay Mountain ceanothus	PDRHA04430	None	None	G1/S1.2	1B.2	Yes
<i>Ceanothus pinetorum</i>	Kern ceanothus	PDRHA04130	None	None	G3/S3.3	4.3	No
<i>Ceanothus purpureus</i>	holly-leaved ceanothus	PDRHA04160	None	None	G2/S2.2	1B.2	Yes
<i>Ceanothus roderickii</i>	Pine Hill ceanothus	PDRHA04190	Endangered	Rare	G2/S2.1	1B.2	Yes
<i>Ceanothus sonomensis</i>	Sonoma ceanothus	PDRHA04420	None	None	G2/S2.2	1B.2	Yes
<i>Ceanothus verrucosus</i>	wart-stemmed ceanothus	PDRHA041J0	None	None	G3/S2.2	2.2	Yes
<i>Centromadia parryi</i> ssp. <i>australis</i>	southern tarplant	PDAST4R0P4	None	None	G4T2/S2.1	1B.1	Yes
<i>Centromadia parryi</i> ssp. <i>congdonii</i>	Congdon's tarplant	PDAST4R0P1	None	None	G4T3/S3.2	1B.2	Yes
<i>Centromadia parryi</i> ssp. <i>parryi</i>	pappose tarplant	PDAST4R0P2	None	None	G4T2/S2.2	1B.2	Yes
<i>Centromadia parryi</i> ssp. <i>rudis</i>	Parry's red tarplant	PDAST4R0P3	None	None	G4T3/S3.2	4.2	No
<i>Centromadia pungens</i> ssp. <i>laevis</i>	smooth tarplant	PDAST4R0R4	None	None	G3G4T2/S2.1	1B.1	Yes
<i>Cercocarpus betuloides</i> var. <i>blancheae</i>	island mountain-mahogany	PDROS08022	None	None	G5T3/S3.3	4.3	No
<i>Cercocarpus traskiae</i>	Catalina Island mountain-mahogany	PDROS08030	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Chaenactis carphoclinia</i> var. <i>peirsonii</i>	Peirson's pincushion	PDAST20042	None	None	G5T1/S1.3	1B.3	Yes
<i>Chaenactis douglasii</i> var. <i>alpina</i>	alpine dusty maidens	PDAST20065	None	None	G5T5/S2.3?	2.3	Yes
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	Orcutt's pincushion	PDAST20095	None	None	G5T3/S2.1	1B.1	Yes
<i>Chaenactis parishii</i>	Parish's chaenactis	PDAST200D0	None	None	G3/S2.3	1B.3	Yes
<i>Chaenactis suffrutescens</i>	Shasta chaenactis	PDAST200H0	None	None	G3/S3.2?	1B.3	Yes
<i>Chaetadelpha wheeleri</i>	Wheeler's dune-broom	PDAST21010	None	None	G4/S2.2	2.2	Yes
<i>Chamaebatia australis</i>	southern mountain misery	PDROS0A010	None	None	G4/S3.2	4.2	No
<i>Chamaesyce abramsiana</i>	Abrams' spurge	PDEUP0D010	None	None	G4/S1.2	2.2	Yes
<i>Chamaesyce arizonica</i>	Arizona spurge	PDEUP0D060	None	None	G5/S1.3	2.3	Yes
<i>Chamaesyce hooveri</i>	Hoover's spurge	PDEUP0D150	Threatened	None	G2/S2.1	1B.2	Yes
<i>Chamaesyce ocellata</i> ssp. <i>rattanii</i>	Stony Creek spurge	PDEUP0D1P1	None	None	G4T3/S3.3	1B.2	Yes
<i>Chamaesyce parryi</i>	Parry's spurge	PDEUP0D1T0	None	None	G5/S1.3	2.3	Yes
<i>Chamaesyce platysperma</i>	flat-seeded spurge	PDEUP0D1X0	None	None	G3/S1.2?	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Chamaesyce revoluta</i>	revolute spurge	PDEUP0D230	None	None	G5/S3.3	4.3	No
<i>Chamaesyce vallis-mortae</i>	Death Valley sandmat	PDEUP0D2G0	None	None	G3/S3.2	4.2	No
<i>Cheilanthes wootonii</i>	Wooton's lace fern	PPADI090S0	None	None	G5/S1.3	2.3	Yes
<i>Chenopodium simplex</i>	large-seeded goosefoot	PDCHE091P0	None	None	G5/S3.3	4.3	No
<i>Chlorogalum grandiflorum</i>	Red Hills soaproot	PMLIL0G020	None	None	G2/S2.2	1B.2	Yes
<i>Chlorogalum pomeridianum</i> var. <i>minus</i>	dwarf soaproot	PMLIL0G042	None	None	G5T1/S1.2	1B.2	Yes
<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	purple amole	PMLIL0G051	Threatened	None	G1T1/S1.1	1B.1	Yes
<i>Chlorogalum purpureum</i> var. <i>reductum</i>	Camatta Canyon amole	PMLIL0G052	Threatened	Rare	G1T1/S1.1	1B.1	Yes
<i>Chorizanthe biloba</i> var. <i>immemora</i>	Hernandez spineflower	PDPGN04025	None	None	G3T1?/S1?	1B.2	Yes
<i>Chorizanthe blakleyi</i>	Blakley's spineflower	PDPGN04030	None	None	G2/S2.3	1B.3	Yes
<i>Chorizanthe breweri</i>	Brewer's spineflower	PDPGN04050	None	None	G2/S2.2	1B.3	Yes
<i>Chorizanthe cuspidata</i> var. <i>cuspidata</i>	San Francisco Bay spineflower	PDPGN04081	None	None	G2T2/S2.2	1B.2	Yes
<i>Chorizanthe cuspidata</i> var. <i>villosa</i>	woolly-headed spineflower	PDPGN04082	None	None	G2T1/S1.2	1B.2	Yes
<i>Chorizanthe douglasii</i>	Douglas' spineflower	PDPGN040A0	None	None	G3/S3.3	4.3	No
<i>Chorizanthe howellii</i>	Howell's spineflower	PDPGN040C0	Endangered	Threatened	G1/S1.2	1B.2	Yes
<i>Chorizanthe leptotheca</i>	Peninsular spineflower	PDPGN040D0	None	None	G4/S3.2	4.2	No
<i>Chorizanthe orcuttiana</i>	Orcutt's spineflower	PDPGN040G0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Chorizanthe palmeri</i>	Palmer's spineflower	PDPGN040H0	None	None	G3?/S3.2?	4.2	No
<i>Chorizanthe parryi</i> var. <i>fernandina</i>	San Fernando Valley spineflower	PDPGN040J1	Candidate	Endangered	G2T1/S1.1	1B.1	Yes
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower	PDPGN040J2	None	None	G2T2/S2.1	3.2	Yes
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	long-spined spineflower	PDPGN040K1	None	None	G5T3/S2.2	1B.2	Yes
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i>	Ben Lomond spineflower	PDPGN040M1	Endangered	None	G2T1/S1.1	1B.1	Yes
<i>Chorizanthe pungens</i> var. <i>pungens</i>	Monterey spineflower	PDPGN040M2	Threatened	None	G2T2/S2.2	1B.2	Yes
<i>Chorizanthe rectispina</i>	straightawned spineflower	PDPGN040N0	None	None	G1/S1.2	1B.3	Yes
<i>Chorizanthe robusta</i> var. <i>hartwegii</i>	Scotts Valley spineflower	PDPGN040Q1	Endangered	None	G2T1/S1.1	1B.1	Yes
<i>Chorizanthe robusta</i> var. <i>robusta</i>	robust spineflower	PDPGN040Q2	Endangered	None	G2T1/S1.1	1B.1	Yes
<i>Chorizanthe spinosa</i>	Mojave spineflower	PDPGN040R0	None	None	G3/S3.2	4.2	No
<i>Chorizanthe valida</i>	Sonoma spineflower	PDPGN040V0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Chorizanthe ventricosa</i>	potbellied spineflower	PDPGN040W0	None	None	G3/S3.3	4.3	No
<i>Chorizanthe wheeleri</i>	Wheeler's spineflower	PDPGN040Y0	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Chorizanthe xanti</i> var. <i>leucotheca</i>	white-bracted spineflower	PDPGN040Z1	None	None	G4T2/S2.2	1B.2	Yes
<i>Chrysothamnus greenii</i>	Greene's rabbitbrush	PDAST2C030	None	None	G5/S3.2	2.3	Yes
<i>Cinna bolanderi</i>	Bolander's woodreed	PMPOA1H040	None	None	G1/S1.2	1B.2	Yes
<i>Cirsium andrewsii</i>	Franciscan thistle	PDAST2E050	None	None	G2/S2.2	1B.2	Yes
<i>Cirsium arizonicum</i> var. <i>tenuisectum</i>	desert mountain thistle	PDAST2E083	None	None	G5T2/S1.2	1B.2	Yes
<i>Cirsium ciliolatum</i>	Ashland thistle	PDAST2E0P0	None	Endangered	G3/S1.2	2.1	Yes
<i>Cirsium crassicaule</i>	slough thistle	PDAST2E0U0	None	None	G2/S2.2	1B.1	Yes
<i>Cirsium fontinale</i> var. <i>campylon</i>	Mt. Hamilton fountain thistle	PDAST2E163	None	None	G2T2/S2.2	1B.2	Yes
<i>Cirsium fontinale</i> var. <i>fontinale</i>	Crystal Springs fountain thistle	PDAST2E161	Endangered	Endangered	G2T1/S1.1	1B.1	Yes
<i>Cirsium fontinale</i> var. <i>obispoense</i>	San Luis Obispo fountain thistle	PDAST2E162	Endangered	Endangered	G2T1/S1.2	1B.2	Yes
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i>	Suisun thistle	PDAST2E1G1	Endangered	None	G1T1/S1.1	1B.1	Yes
<i>Cirsium hydrophilum</i> var. <i>vaseyi</i>	Mt. Tamalpais thistle	PDAST2E1G2	None	None	G1T1/S1.2	1B.2	Yes
<i>Cirsium ioncholepis</i>	La Graciosa thistle	PDAST2E1N0	Endangered	Threatened	G2/S2.2	1B.1	Yes
<i>Cirsium occidentale</i> var. <i>compactum</i>	compact cobwebby thistle	PDAST2E1Z1	None	None	G3G4T2/S2.1	1B.2	Yes
<i>Cirsium praeteriens</i>	lost thistle	PDAST2E2B0	None	None	GX/SX	1A	Yes
<i>Cirsium rhothophilum</i>	Surf thistle	PDAST2E2J0	None	Threatened	G2/S2.2	1B.2	Yes
<i>Cladium californicum</i>	California saw-grass	PMCYP04010	None	None	G4/S2.2	2.2	Yes
<i>Clarkia amoena</i> ssp. <i>whitneyi</i>	Whitney's farewell-to-spring	PDONA05025	None	None	G5T2/S2.1	1B.1	Yes
<i>Clarkia australis</i>	Small's southern clarkia	PDONA05040	None	None	G2/S2.2	1B.2	Yes
<i>Clarkia biloba</i> ssp. <i>australis</i>	Mariposa clarkia	PDONA05051	None	None	G4G5T2/S2.2	1B.2	Yes
<i>Clarkia biloba</i> ssp. <i>brandegeae</i>	Brandegee's clarkia	PDONA05053	None	None	G4G5T2/S2.2	1B.2	Yes
<i>Clarkia borealis</i> ssp. <i>arida</i>	Shasta clarkia	PDONA05061	None	None	G3T1/S1.2	1B.1	Yes
<i>Clarkia borealis</i> ssp. <i>borealis</i>	northern clarkia	PDONA05062	None	None	G3T2/S2.3	1B.3	Yes
<i>Clarkia breweri</i>	Brewer's clarkia	PDONA05080	None	None	G3/S3.2	4.2	No
<i>Clarkia concinna</i> ssp. <i>automixia</i>	Santa Clara red ribbons	PDONA050A1	None	None	G5?T3/S3.3	4.3	Yes
<i>Clarkia concinna</i> ssp. <i>raighei</i>	Raiche's red ribbons	PDONA050A2	None	None	G5?T1/S1.1	1B.1	Yes
<i>Clarkia delicata</i>	delicate clarkia	PDONA050D0	None	None	G2/S2.2	1B.2	Yes
<i>Clarkia exilis</i>	slender clarkia	PDONA050G0	None	None	G3/S3.3	4.3	No
<i>Clarkia franciscana</i>	Presidio clarkia	PDONA050H0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Clarkia gracilis</i> ssp. <i>albicaulis</i>	white-stemmed clarkia	PDONA050J1	None	None	G5T2/S2.2?	1B.2	Yes
<i>Clarkia gracilis</i> ssp. <i>tracyi</i>	Tracy's clarkia	PDONA050J4	None	None	G5T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Clarkia imbricata</i>	Vine Hill clarkia	PDONA050K0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Clarkia jolonensis</i>	Jolon clarkia	PDONA050L0	None	None	G2/S2.2	1B.2	Yes
<i>Clarkia lewisii</i>	Lewis' clarkia	PDONA050N0	None	None	G3/S3.3	4.3	No
<i>Clarkia lingulata</i>	Merced clarkia	PDONA050P0	None	Endangered	G1/S1.1	1B.1	Yes
<i>Clarkia mildrediae</i> ssp. <i>lutescens</i>	golden-anthered clarkia	PDONA050Q1	None	None	G3T3/S3.2	4.2	No
<i>Clarkia mildrediae</i> ssp. <i>mildrediae</i>	Mildred's clarkia	PDONA050Q2	None	None	G3T3/S3.3	1B.3	Yes
<i>Clarkia mosquinii</i>	Mosquin's clarkia	PDONA050S0	None	None	G1/S1.1	1B.1	Yes
<i>Clarkia rostrata</i>	beaked clarkia	PDONA050Y0	None	None	G2/S2.1	1B.3	Yes
<i>Clarkia speciosa</i> ssp. <i>immaculata</i>	Pismo clarkia	PDONA05111	Endangered	Rare	G4T1/S1.1	1B.1	Yes
<i>Clarkia springvillensis</i>	Springville clarkia	PDONA05120	Threatened	Endangered	G1/S1.1	1B.2	Yes
<i>Clarkia tembloriensis</i> ssp. <i>calientensis</i>	Vasek's clarkia	PDONA05141	None	None	G3T1/S1.1	1B.1	Yes
<i>Clarkia virgata</i>	Sierra clarkia	PDONA05160	None	None	G3/S3.3	4.3	No
<i>Clarkia xantiana</i> ssp. <i>parviflora</i>	Kern Canyon clarkia	PDONA05181	None	None	G4T1/S1.2	4.2	Yes
<i>Claytonia lanceolata</i> var. <i>peirsonii</i>	Peirson's spring beauty	PDPOR03097	None	None	G5T1Q/S1.1	1B.1	Yes
<i>Claytonia megarhiza</i>	fell-fields claytonia	PDPOR030A0	None	None	G4G5/S2S3	2.3	Yes
<i>Claytonia palustris</i>	marsh claytonia	PDPOR030S0	None	None	G3/S3.3	4.3	No
<i>Claytonia parviflora</i> ssp. <i>grandiflora</i>	streambank spring beauty	PDPOR030D1	None	None	G5T3/S3.2	4.2	No
<i>Claytonia umbellata</i>	Great Basin claytonia	PDPOR030P0	None	None	G5?/S1.3	2.3	Yes
<i>Cleomella brevipes</i>	short-pedicelled cleomella	PDCPP04020	None	None	G3G4/S3.2	4.2	No
<i>Cleomella hillmanii</i>	Hillman's cleomella	PDCPP04030	None	None	G4G5/S1.2	2.2	Yes
<i>Clinopodium mimuloides</i>	monkey-flower savory	PDLAM1T040	None	None	G3/S3.2	4.2	No
<i>Cochlearia officinalis</i> var. <i>arctica</i>	arctic spoonwort	PDBRA0S032	None	None	G5T3T4/S1.3	2.3	Yes
<i>Collinsia antonina</i>	San Antonio collinsia	PDSCR0H010	None	None	G1/S1.2	1B.2	Yes
<i>Collinsia corymbosa</i>	round-headed Chinese-houses	PDSCR0H060	None	None	G1/S1.2	1B.2	Yes
<i>Collinsia multicolor</i>	San Francisco collinsia	PDSCR0H0B0	None	None	G2/S2.2	1B.2	Yes
<i>Collomia diversifolia</i>	serpentine collomia	PDPLM02020	None	None	G3/S3.3	4.3	No
<i>Collomia larsenii</i>	talus collomia	PDPLM02014	None	None	G4/S1.2	2.2	Yes
<i>Collomia rawsoniana</i>	Rawson's flaming trumpet	PDPLM02080	None	None	G2/S2.2	1B.2	Yes
<i>Collomia tracyi</i>	Tracy's collomia	PDPLM020B0	None	None	G3/S3.3	4.3	No
<i>Colubrina californica</i>	Las Animas colubrina	PDRHA05030	None	None	G4/S2S3.3	2.3	Yes
<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	summer holly	PDERI0B011	None	None	G3T2/S2.2	1B.2	Yes
<i>Condalia globosa</i> var. <i>pubescens</i>	spiny abrojo	PDRHA06031	None	None	G5T3T4/S3.2	4.2	No
<i>Constancea nevinii</i>	Nevin's woolly sunflower	PDAST3N090	None	None	G2/S2.3	1B	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Convolvulus simulans</i>	small-flowered morning-glory	PDCON05060	None	None	G3/S3.2	4.2	No
<i>Coptis laciniata</i>	Oregon goldthread	PDRAN0A020	None	None	G4G5/S2.2	2.2	Yes
<i>Corallorrhiza trifida</i>	northern coralroot	PMORC0M050	None	None	G5/S1.1	2.1	Yes
<i>Cordylanthus capitatus</i>	Yakima bird's-beak	PDSCR0J030	None	None	G4/S2.2	2.2	Yes
<i>Cordylanthus eremicus</i> ssp. <i>eremicus</i>	desert bird's-beak	PDSCR0J042	None	None	G3?T3?/S3?	4.3	No
<i>Cordylanthus eremicus</i> ssp. <i>kernensis</i>	Kern Plateau bird's-beak	PDSCR0J043	None	None	G3?T2/S2.3	1B.3	Yes
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>	salt marsh bird's-beak	PDSCR0J0C2	Endangered	Endangered	G4?T2/S2.1	1B.2	Yes
<i>Cordylanthus maritimus</i> ssp. <i>palustris</i>	Point Reyes bird's-beak	PDSCR0J0C3	None	None	G4?T2/S2.2	1B.2	Yes
<i>Cordylanthus mollis</i> ssp. <i>hispidus</i>	hispid bird's-beak	PDSCR0J0D1	None	None	G2T2/S2.1	1B.1	Yes
<i>Cordylanthus mollis</i> ssp. <i>mollis</i>	soft bird's-beak	PDSCR0J0D2	Endangered	Rare	G2T1/S1.1	1B.2	Yes
<i>Cordylanthus nidularius</i>	Mt. Diablo bird's-beak	PDSCR0J0F0	None	Rare	G1/S1.2	1B.1	Yes
<i>Cordylanthus orcuttianus</i>	Orcutt's bird's-beak	PDSCR0J0G0	None	None	G2?/S1.1	2.1	Yes
<i>Cordylanthus palmatus</i>	palmate-bracted bird's-beak	PDSCR0J0J0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Cordylanthus parviflorus</i>	small-flowered bird's-beak	PDSCR0J0K0	None	None	G4G5/S1S2	2.3	Yes
<i>Cordylanthus rigidus</i> ssp. <i>brevibracteatus</i>	short-bracted bird's-beak	PDSCR0J0P3	None	None	G5T3/S3.3	4.3	No
<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i>	seaside bird's-beak	PDSCR0J0P2	None	Endangered	G5T1/S1.1	1B.1	Yes
<i>Cordylanthus tecopensis</i>	Tecopa bird's-beak	PDSCR0J0Q0	None	None	G2/S1.2	1B.2	Yes
<i>Cordylanthus tenuis</i> ssp. <i>barbatus</i>	Fresno County bird's-beak	PDSCR0J0S4	None	None	G4G5T3/S3.3?	4.3	No
<i>Cordylanthus tenuis</i> ssp. <i>brunneus</i>	serpentine bird's-beak	PDSCR0J0S1	None	None	G4G5T3/S3.3	4.3	No
<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>	Pennell's bird's-beak	PDSCR0J0S2	Endangered	Rare	G4G5T1/S1.2	1B.2	Yes
<i>Cordylanthus tenuis</i> ssp. <i>pallescens</i>	pallid bird's-beak	PDSCR0J0S3	None	None	G4G5T1/S1.1	1B.2	Yes
<i>Coreopsis hamiltonii</i>	Mt. Hamilton coreopsis	PDAST2L0C0	None	None	G2/S2.2	1B.2	Yes
<i>Coreopsis maritima</i>	sea dahlia	PDAST2L0L0	None	None	G3/S2.2	2.2	Yes
<i>Corethrogynne filaginifolia</i> var. <i>incana</i>	San Diego sand aster	PDAST2M025	None	None	G4T1/S1.1	1B.1	Yes
<i>Corethrogynne filaginifolia</i> var. <i>linifolia</i>	Del Mar Mesa sand aster	PDAST2M027	None	None	G4T1/S1.1	1B.1	Yes
<i>Corethrogynne leucophylla</i>	branching beach aster	PDAST2M030	None	None	G3Q/S3.2	3.2	No
<i>Coryphantha alversonii</i>	foxtail cactus	PDCAC0X060	None	None	G3/S3.2	4.3	Yes
<i>Coryphantha chlorantha</i>	desert pincushion	PDCAC040J0	None	None	G2G3/S2.2	2.2	Yes
<i>Coryphantha vivipara</i> var. <i>rosea</i>	viviparous foxtail cactus	PDCAC0X0G8	None	None	G5T3/S2.2	2.2	Yes
<i>Crataegus castlegarensis</i>	Calstlegar hawthorne	PDROS0H9E0	None	None	G5/S1S3	3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Crepis runcinata</i> ssp. <i>hallii</i>	Hall's meadow hawksbeard	PDAST2R0KB	None	None	G5T3?/S2?	2.1	Yes
<i>Crossosoma californicum</i>	Catalina crossosoma	PDCRO02020	None	None	G3/S3.2	1B.2	Yes
<i>Croton wigginsii</i>	Wiggins' croton	PDEUP0H140	None	Rare	G2G3/S1.2	2.2	Yes
<i>Cryptantha clevelandii</i> var. <i>dissita</i>	serpentine cryptantha	PDBOR0A0H2	None	None	G5T1/S1.1	1B.1	Yes
<i>Cryptantha clokeyi</i>	Clokey's cryptantha	PDBOR0A3M0	None	None	G1/S1.1	1B.1	Yes
<i>Cryptantha costata</i>	ribbed cryptantha	PDBOR0A0M0	None	None	G4G5/S3.3	4.3	No
<i>Cryptantha crinita</i>	silky cryptantha	PDBOR0A0Q0	None	None	G1/S1.1	1B.2	Yes
<i>Cryptantha crymophila</i>	subalpine cryptantha	PDBOR0A0R0	None	None	G2/S2.3	1B.3	Yes
<i>Cryptantha excavata</i>	deep-scarred cryptantha	PDBOR0A0W0	None	None	G2/S2.3	1B.3	Yes
<i>Cryptantha ganderi</i>	Gander's cryptantha	PDBOR0A120	None	None	G1G2/S1.1	1B.1	Yes
<i>Cryptantha glomeriflora</i>	clustered-flower cryptantha	PDBOR0A130	None	None	G3Q/S3.3	4.3	No
<i>Cryptantha holoptera</i>	winged cryptantha	PDBOR0A180	None	None	G3G4/S3?	4.3	No
<i>Cryptantha hooveri</i>	Hoover's cryptantha	PDBOR0A190	None	None	GH/SH	1A	Yes
<i>Cryptantha incana</i>	Tulare cryptantha	PDBOR0A1D0	None	None	G1/S1.3	1B.3	Yes
<i>Cryptantha mariposae</i>	Mariposa cryptantha	PDBOR0A1Q0	None	None	G2/S2.3	1B.3	Yes
<i>Cryptantha rattanii</i>	Rattan's cryptantha	PDBOR0A2H0	None	None	G3/S3.3	4.3	No
<i>Cryptantha roosiorum</i>	bristlecone cryptantha	PDBOR0A2L0	None	Rare	G1/S1.2	1B.2	Yes
<i>Cryptantha scoparia</i>	gray cryptantha	PDBOR0A2Q0	None	None	G4?/S3.3	4.3	No
<i>Cryptantha traskiae</i>	Trask's cryptantha	PDBOR0A370	None	None	G2/S2.2	1B.2	Yes
<i>Cryptantha tumulosa</i>	New York Mountains cryptantha	PDBOR0A380	None	None	G4?/S3.3	4.3	No
<i>Cuniculotinus gramineus</i>	Panamint rock-goldenrod	PDAST2C0H0	None	None	G4?/S2.3	2.3	Yes
<i>Cuscuta californica</i> var. <i>apiculata</i>	pointed dodder	PDCUS01071	None	None	G5T3?/S2S3	3	No
<i>Cuscuta jepsonii</i>	Jepson's dodder	PDCUS011T0	None	None	GH/SH	3	Yes
<i>Cusickiella quadricostata</i>	Bodie Hills cusickiella	PDBRA2V010	None	None	G2/S2.2	1B.2	Yes
<i>Cymopterus deserticola</i>	desert cymopterus	PDAPI0U090	None	None	G3/S3.2	1B.2	Yes
<i>Cymopterus gilmanii</i>	Gilman's cymopterus	PDAPI0U0C0	None	None	G3?/S2.2	2.3	Yes
<i>Cymopterus globosus</i>	globose cymopterus	PDAPI0U0E0	None	None	G3G4/S1S2.2	2.2	Yes
<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>	sanicle cymopterus	PDAPI0U0X1	None	None	G3G4T3Q/S1.2	1B.2	Yes
<i>Cynanchum utahense</i>	Utah vine milkweed	PDASC050M0	None	None	G4/S3.3	4.3	No
<i>Cypripedium californicum</i>	California lady's-slipper	PMORC0Q040	None	None	G3/S3.2	4.2	No
<i>Cypripedium fasciculatum</i>	clustered lady's-slipper	PMORC0Q060	None	None	G4/S3.2	4.2	No
<i>Cypripedium montanum</i>	mountain lady's-slipper	PMORC0Q080	None	None	G4/S4.2	4.2	No
<i>Cypripedium parviflorum</i> var. <i>makasin</i>	northern yellow lady's slipper	PMORC0Q093	None	None	G5T4Q/S1.1	3.1	No
<i>Dalea ornata</i>	ornate dalea	PDFAB1A150	None	None	G4G5/S1.3	2.1	Yes
<i>Darlingtonia californica</i>	California pitcherplant	PDSAR01010	None	None	G3G4/S3.2	4.2	No
<i>Dedeckera eurekensis</i>	july gold	PDPGN06010	None	Rare	G2/S2.2	1B.3	Yes
<i>Deinandra arida</i>	Red Rock tarplant	PDAST4R010	None	Rare	G1/S1.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Deinandra bacigalupii</i>	Livermore tarplant	PDAST4R0V0	None	None	G1/S1.2	1B.2	Yes
<i>Deinandra clementina</i>	island tarplant	PDAST4R040	None	None	G3/S3.3	4.3	No
<i>Deinandra conjugens</i>	Otay tarplant	PDAST4R070	Threatened	Endangered	G1/S1.1	1B.1	Yes
<i>Deinandra floribunda</i>	Tecate tarplant	PDAST4R0B0	None	None	G3/S2.2	1B.2	Yes
<i>Deinandra halliana</i>	Hall's tarplant	PDAST4R0C0	None	None	G1/S1.1	1B.1	Yes
<i>Deinandra increscens</i> ssp. <i>foliosa</i>	leafy tarplant	PDAST4R0U4	None	None	G4G5T2/S2.2	1B.2	Yes
<i>Deinandra increscens</i> ssp. <i>villosa</i>	Gaviota tarplant	PDAST4R0U3	Endangered	Endangered	G4G5T1/S1.1	1B.1	Yes
<i>Deinandra minthornii</i>	Santa Susana tarplant	PDAST4R0J0	None	Rare	G2/S2.2	1B.2	Yes
<i>Deinandra mohavensis</i>	Mojave tarplant	PDAST4R0K0	None	Endangered	G2/S2.3	1B.3	Yes
<i>Deinandra paniculata</i>	paniculate tarplant	PDAST4R0N0	None	None	G3G4/S3.2	4.2	No
<i>Delphinium bakeri</i>	Baker's larkspur	PDRAN0B050	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Delphinium californicum</i> ssp. <i>interius</i>	Hospital Canyon larkspur	PDRAN0B0A2	None	None	G3T2?/S2?	1B.2	Yes
<i>Delphinium gypsophilum</i> ssp. <i>gypsophilum</i>	gypsum-loving larkspur	PDRAN0B0S1	None	None	G4T3/S3.2	4.2	No
<i>Delphinium gypsophilum</i> ssp. <i>parviflorum</i>	small-flowered gypsum-loving larkspur	PDRAN0B0S2	None	None	G4T3/S3.3	4.3	No
<i>Delphinium hansenii</i> ssp. <i>ewanianum</i>	Ewan's larkspur	PDRAN0B0T2	None	None	G4T3/S3.2	4.2	No
<i>Delphinium hesperium</i> ssp. <i>cuyamacae</i>	Cuyamaca larkspur	PDRAN0B0U1	None	Rare	G4T2/S2.1	1B.2	Yes
<i>Delphinium hutchinsoniae</i>	Hutchinson's larkspur	PDRAN0B0V0	None	None	G2/S2.1	1B.2	Yes
<i>Delphinium inopinum</i>	unexpected larkspur	PDRAN0B0W0	None	None	G3/S3.3	4.3	Yes
<i>Delphinium luteum</i>	golden larkspur	PDRAN0B0Z0	Endangered	Rare	G1/S1.1	1B.1	Yes
<i>Delphinium parishii</i> ssp. <i>subglobosum</i>	Colorado Desert larkspur	PDRAN0B1A3	None	None	G4T3/S3.2	4.3	No
<i>Delphinium parryi</i> ssp. <i>blochmaniae</i>	dune larkspur	PDRAN0B1B1	None	None	G4T2/S2.2	1B.2	Yes
<i>Delphinium parryi</i> ssp. <i>purpureum</i>	Mt. Pinos larkspur	PDRAN0B1B5	None	None	G4T3/S3.3	4.3	No
<i>Delphinium purpusii</i>	rose-flowered larkspur	PDRAN0B1G0	None	None	G2/S2.3	1B.3	Yes
<i>Delphinium recurvatum</i>	recurved larkspur	PDRAN0B1J0	None	None	G2/S2.2	1B.2	Yes
<i>Delphinium scaposum</i>	bare-stem larkspur	PDRAN0B1M0	None	None	G5/S1.3	2.3	Yes
<i>Delphinium stachydeum</i>	spiked larkspur	PDRAN0B1Q0	None	None	G5/S2.3	2.3	Yes
<i>Delphinium uliginosum</i>	swamp larkspur	PDRAN0B1V0	None	None	G3/S3.2	4.2	No
<i>Delphinium umbraculorum</i>	umbrella larkspur	PDRAN0B1W0	None	None	G2G3/S2S3.3	1B.3	Yes
<i>Delphinium variegatum</i> ssp. <i>kinkense</i>	San Clemente Island larkspur	PDRAN0B1X3	Endangered	Endangered	G4T1/S1.1	1B.1	Yes
<i>Delphinium variegatum</i> ssp. <i>thornei</i>	Thorne's royal larkspur	PDRAN0B1X2	None	None	G4T1/S1.1	1B.1	Yes
<i>Dendromecon harfordii</i> var. <i>harfordii</i>	north island bush-poppy	PDPAP08020	None	None	G3Q/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Dendromecon harfordii</i> var. <i>rhamnoides</i>	south island bush-poppy	PDPAP08012	None	None	G4T1/S1.1	1B.1	Yes
<i>Deschampsia atropurpurea</i>	mountain hair grass	PMPOA6M010	None	None	G5/S3.3	4.3	No
<i>Dicentra formosa</i> ssp. <i>oregana</i>	Oregon bleeding heart	PDFUM04052	None	None	G5T4/S3.2	4.2	No
<i>Dicentra nevadensis</i>	Tulare County bleeding heart	PDFUM04060	None	None	G3/S3.3	4.3	No
<i>Dichanthelium lanuginosum</i> var. <i>thermale</i>	Geysers dichanthelium	PMPOA24025	None	Endangered	G5T1Q/S1.1	1B.1	Yes
<i>Dichondra occidentalis</i>	western dichondra	PDCON08060	None	None	G4?/S3.2	4.2	No
<i>Dieteria asteroides</i> var. <i>lagunensis</i>	Mount Laguna aster	PDAST64131	None	Rare	G5T2T3Q/S1.1	2.1	Yes
<i>Dieteria canescens</i> var. <i>ziegleri</i>	Ziegler's aster	PDAST640B2	None	None	G5T1/S1.1	1B.2	Yes
<i>Digitaria californica</i>	Arizona cottontop	PMPOA27050	None	None	G5/S1.3	2.3	Yes
<i>Dimeresia howellii</i>	doublet	PDAST2Z010	None	None	G4?/S2.3	2.3	Yes
<i>Dirca occidentalis</i>	western leatherwood	PDTHY03010	None	None	G2G3/S2S3	1B.2	Yes
<i>Dissanthelium californicum</i>	California dissanthelium	PMPOA29010	None	None	G1/S1.2	1B.2	Yes
<i>Ditaxis claryana</i>	glandular ditaxis	PDEUP080L0	None	None	G4G5/S1S2	2.2	Yes
<i>Ditaxis serrata</i> var. <i>californica</i>	California ditaxis	PDEUP08050	None	None	G5T2T3/S2.2	3.2	Yes
<i>Dithyrea maritima</i>	beach spectaclepod	PDBRA10020	None	Threatened	G2/S2.1	1B.1	Yes
<i>Dodecahema leptoceras</i>	slender-horned spineflower	PDPGN0V010	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Dodecatheon pulchellum</i>	beautiful shootingstar	PDPRI030D0	None	None	G5/S2S3.2	4.2	No
<i>Downingia concolor</i> var. <i>brevior</i>	Cuyamaca Lake downingia	PDCAM06041	None	Endangered	G4T1/S1.1	1B.1	Yes
<i>Downingia laeta</i>	Great Basin downingia	PDCAM06080	None	None	G5/S2.2	2.2	Yes
<i>Downingia pusilla</i>	dwarf downingia	PDCAM060C0	None	None	G3/S3.1	2.2	Yes
<i>Draba asterophora</i> var. <i>asterophora</i>	Tahoe draba	PDBRA110D1	None	None	G4T2/S1.2	1B.3	Yes
<i>Draba asterophora</i> var. <i>macrocarpa</i>	Cup Lake draba	PDBRA110D2	None	None	G4T1/S1.1	1B.3	Yes
<i>Draba aureola</i>	golden alpine draba	PDBRA110F0	None	None	G4/S1.3	1B.3	Yes
<i>Draba breweri</i> var. <i>cana</i>	canescent draba	PDBRA110M0	None	None	G5T5/S1.3	2.3	Yes
<i>Draba californica</i>	California draba	PDBRA11380	None	None	G3/S3.2	4.2	No
<i>Draba carnosula</i>	Mt. Eddy draba	PDBRA112T0	None	None	G2/S2.2	1B.3	Yes
<i>Draba corrugata</i> var. <i>saxosa</i>	Southern California rock draba	PDBRA110Q2	None	None	G2T2/S2.3	1B.3	Yes
<i>Draba cruciata</i>	Mineral King draba	PDBRA110U0	None	None	G2/S2.3	1B.3	Yes
<i>Draba howellii</i>	Howell's draba	PDBRA11150	None	None	G4/S3.3	4.3	No
<i>Draba incrassata</i>	Sweetwater Mountains draba	PDBRA113G0	None	None	G3/S3.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Draba lonchocarpa</i> var. <i>lonchocarpa</i>	spear-fruited draba	PDBRA111F1	None	None	G5T5/S1.3	2.3	Yes
<i>Draba monoensis</i>	White Mountains draba	PDBRA113B0	None	None	G1/S1.2	1B.2	Yes
<i>Draba praealta</i>	tall draba	PDBRA11210	None	None	G5/S2.3	2.3	Yes
<i>Draba pterosperma</i>	winged-seed draba	PDBRA11230	None	None	G3/S3.3	4.3	No
<i>Draba sharsmithii</i>	Mt. Whitney draba	PDBRA113F0	None	None	G1/S1.3	1B.3	Yes
<i>Draba sierrae</i>	Sierra draba	PDBRA112A0	None	None	G2/S2.3	1B.3	Yes
<i>Draba subumbellata</i>	mound draba	PDBRA11370	None	None	G3/S3.3	4.3	No
<i>Drosera anglica</i>	English sundew	PDDRO02010	None	None	G5/S2S3	2.3	Yes
<i>Dryopteris filix-mas</i>	male fern	PPDRY0A0B0	None	None	G5/S1.3	2.3	Yes
<i>Dudleya abramsii</i> ssp. <i>affinis</i>	San Bernardino Mountains dudleya	PDCRA04013	None	None	G3T2/S2.2	1B.2	Yes
<i>Dudleya abramsii</i> ssp. <i>bettinae</i>	Betty's dudleya	PDCRA04011	None	None	G3T1/S1.2	1B.2	Yes
<i>Dudleya abramsii</i> ssp. <i>murina</i>	mouse-gray dudleya	PDCRA04012	None	None	G3T2/S2.3	1B.3	Yes
<i>Dudleya alainae</i>	banner dudleya	PDCRA040X0	None	None	G1?Q/S1?	3.2	No
<i>Dudleya attenuata</i> ssp. <i>orcuttii</i>	Orcutt's dudleya	PDCRA04031	None	None	G4T2/S1.1	2.1	Yes
<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	Blochman's dudleya	PDCRA04051	None	None	G2T2/S2.1	1B.1	Yes
<i>Dudleya blochmaniae</i> ssp. <i>insularis</i>	Santa Rosa Island dudleya	PDCRA04052	None	None	G2T1/S1.1	1B.1	Yes
<i>Dudleya brevifolia</i>	short-leaved dudleya	PDCRA04060	None	Endangered	G2T1/S1.1	1B.1	Yes
<i>Dudleya calcicola</i>	limestone dudleya	PDCRA040Y0	None	None	G3/S3.3	4.3	No
<i>Dudleya candelabrum</i>	candleholder dudleya	PDCRA04080	None	None	G2/S2.2	1B.2	Yes
<i>Dudleya cymosa</i> ssp. <i>agourensis</i>	Agoura Hills dudleya	PDCRA040A7	Threatened	None	G5T1/S1.2	1B.2	Yes
<i>Dudleya cymosa</i> ssp. <i>costafolia</i>	Pierpoint Springs dudleya	PDCRA040A2	None	None	G5T2/S2.1	1B.2	Yes
<i>Dudleya cymosa</i> ssp. <i>crebrifolia</i>	San Gabriel River dudleya	PDCRA040A8	None	None	G5T1/S1.2	1B.2	Yes
<i>Dudleya cymosa</i> ssp. <i>marcescens</i>	marcescent dudleya	PDCRA040A3	Threatened	Rare	G5T2/S2.2	1B.2	Yes
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Santa Monica dudleya	PDCRA040A5	Threatened	None	G5T2/S2.2	1B.2	Yes
<i>Dudleya densiflora</i>	San Gabriel Mountains dudleya	PDCRA040B0	None	None	G1/S1.1	1B.1	Yes
<i>Dudleya gnoma</i>	munckin dudleya	PDCRA040W0	None	None	G1/S1.1	1B.1	Yes
<i>Dudleya greeniei</i>	Greene's dudleya	PDCRA040E0	None	None	G3/S3.2	4.2	No
<i>Dudleya multicaulis</i>	many-stemmed dudleya	PDCRA040H0	None	None	G2/S2.1	1B.2	Yes
<i>Dudleya nesiotica</i>	Santa Cruz Island dudleya	PDCRA040J0	Threatened	Rare	G1/S1.2	1B.1	Yes
<i>Dudleya parva</i>	Conejo dudleya	PDCRA04016	Threatened	None	G2/S2.1	1B.2	Yes
<i>Dudleya saxosa</i> ssp. <i>saxosa</i>	Panamint dudleya	PDCRA040N2	None	None	G4T3/S3.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Dudleya setchellii</i>	Santa Clara Valley dudleya	PDCRA040Z0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Dudleya stolonifera</i>	Laguna Beach dudleya	PDCRA040P0	Threatened	Threatened	G1/S1.1	1B.1	Yes
<i>Dudleya traskiae</i>	Santa Barbara Island dudleya	PDCRA040Q0	Endangered	Endangered	G1/S1.2	1B.2	Yes
<i>Dudleya variegata</i>	variegated dudleya	PDCRA040R0	None	None	G2/S2.2	1B.2	Yes
<i>Dudleya verityi</i>	Verity's dudleya	PDCRA040U0	Threatened	None	G1/S1.1	1B.2	Yes
<i>Dudleya virens</i> ssp. <i>insularis</i>	island green dudleya	PDCRA040S2	None	None	G2T2/S2.2	1B.2	Yes
<i>Dudleya virens</i> ssp. <i>virens</i>	bright green dudleya	PDCRA040S3	None	None	G2T1/S1.2	1B.2	Yes
<i>Dudleya viscida</i>	sticky dudleya	PDCRA040T0	None	None	G2/S2.2	1B.2	Yes
<i>Echinocereus engelmannii</i> var. <i>howei</i>	Howe's hedgehog cactus	PDCAC06035	None	None	G5T1/S1.1	1B.1	Yes
<i>Eleocharis parvula</i>	small spikerush	PMCYP091G0	None	None	G5/S3.3	4.3	No
<i>Eleocharis torticulmis</i>	California twisted spikerush	PMCYP092E0	None	None	G1/S1.3	1B.3	Yes
<i>Elymus californicus</i>	California bottle-brush grass	PMPOA2H0W0	None	None	G3/S3.3	4.3	No
<i>Elymus scribneri</i>	Scribner's wheat grass	PMPOA2H170	None	None	G5/S2?	2.3	Yes
<i>Empetrum nigrum</i> ssp. <i>hermaphroditum</i>	mountain crowberry	PDEMP03021	None	None	G5T5/S2?	2.2	Yes
<i>Enceliopsis covillei</i>	Panamint daisy	PDAST3G020	None	None	G3/S3.3	1B.2	Yes
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows daisy	PDAST3G031	Threatened	None	G5T2/S1.3?	3.3	No
<i>Enceliopsis nudicaulis</i> var. <i>nudicaulis</i>	naked-stemmed daisy	PDAST3G032	None	None	G5T5/S3.3	4.3	No
<i>Enneapogon desvauxii</i>	nine-awned pappus grass	PMPOA2J010	None	None	G5/S2?	2.3	Yes
<i>Epilobium howellii</i>	subalpine fireweed	PDONA06180	None	None	G2/S2.3	1B.3	Yes
<i>Epilobium luteum</i>	yellow willowherb	PDONA060H0	None	None	G5/S2?	2.3	Yes
<i>Epilobium nivium</i>	Snow Mountain willowherb	PDONA060M0	None	None	G2/S2.2	1B.2	Yes
<i>Epilobium oreganum</i>	Oregon fireweed	PDONA060P0	None	None	G2/S2.2	1B.2	Yes
<i>Epilobium palustre</i>	marsh willowherb	PDONA060R0	None	None	G5/S1.3	2.3	Yes
<i>Epilobium rigidum</i>	Siskiyou Mountains willowherb	PDONA060V0	None	None	G3G4/S3.3	4.3	No
<i>Epilobium septentrionale</i>	Humboldt County fuchsia	PDONA06110	None	None	G3/S3.3	4.3	No
<i>Epilobium siskiyouense</i>	Siskiyou fireweed	PDONA06100	None	None	G3/S2.2	1B.3	Yes
<i>Equisetum palustre</i>	marsh horsetail	PPEQU01050	None	None	G5/S1S2	3	No
<i>Eremalche kernensis</i>	Kern mallow	PDMAL0C031	Endangered	None	G3?T1Q/S1.1	1B.1	Yes
<i>Eremogone cliftonii</i>	Clifton's eremogone	PDCAR17010	None	None	G3/S3	1B.3	Yes
<i>Eriastrum brandegeaeae</i>	Brandegee's eriastrum	PDPLM03020	None	None	G3/S3.2	1B.2	Yes
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woollystar	PDPLM03035	Endangered	Endangered	G4T1/S1.1	1B.1	Yes
<i>Eriastrum harwoodii</i>	Harwood's eriastrum	PDPLM030B1	None	None	G2/S2	1B.2	Yes
<i>Eriastrum hooveri</i>	Hoover's eriastrum	PDPLM03070	Delisted	None	G3/S3.2	4.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Eriastrum luteum</i>	yellow-flowered eriastrum	PDPLM03080	None	None	G2/S2.2	1B.2	Yes
<i>Eriastrum tracyi</i>	Tracy's eriastrum	PDPLM030C0	None	Rare	G1Q/S1.1	1B.2	Yes
<i>Eriastrum virgatum</i>	virgate eriastrum	PDPLM030D0	None	None	G3/S3.3	4.3	No
<i>Ericameria albida</i>	white-flowered rabbitbrush	PDAST2C010	None	None	G4/S3.2	4.2	No
<i>Ericameria cuneata</i> var. <i>macrocephala</i>	Laguna Mountains goldenbush	PDAST3L062	None	None	G5T2/S2.3	1B.3	Yes
<i>Ericameria fasciculata</i>	Eastwood's goldenbush	PDAST3L080	None	None	G2/S2.1	1B.1	Yes
<i>Ericameria gilmanii</i>	Gilman's goldenbush	PDAST3L0P0	None	None	G1/S1.3	1B.3	Yes
<i>Ericameria nana</i>	dwarf goldenbush	PDAST3L0B0	None	None	G5/S3.3	4.3	No
<i>Ericameria ophitidis</i>	serpentine goldenbush	PDAST3L0S0	None	None	G3/S3.3	4.3	No
<i>Ericameria palmeri</i> ssp. <i>palmeri</i>	Palmer's goldenbush	PDAST3L0C1	None	None	G4T2T3/S1.1	2.2	Yes
<i>Erigeron aequifolius</i>	Hall's daisy	PDAST3M030	None	None	G2/S2.3	1B.3	Yes
<i>Erigeron biolettii</i>	streamside daisy	PDAST3M5H0	None	None	G3?/S3?	3	No
<i>Erigeron blochmaniae</i>	Blochman's leafy daisy	PDAST3M5J0	None	None	G2/S2.2	1B.2	Yes
<i>Erigeron bloomeri</i> var. <i>nudatus</i>	Waldo daisy	PDAST3M0M2	None	None	G5T4/S2?	2.3	Yes
<i>Erigeron breweri</i> var. <i>jacintaeus</i>	San Jacinto Mountains daisy	PDAST3M0P3	None	None	G5T3/S3.3	4.3	No
<i>Erigeron calvus</i>	bald daisy	PDAST3M5N0	None	None	G1Q/S1.1	1B.1	Yes
<i>Erigeron cervinus</i>	Siskiyou daisy	PDAST3M0U0	None	None	G3/S3.3	4.3	No
<i>Erigeron compactus</i> var. <i>compactus</i>	compact daisy	PDAST3M5Z0	None	None	G5G5QT2T3/S 2.3	2.3	Yes
<i>Erigeron disparipilus</i>	Snake River daisy	PDAST3M150	None	None	G5/S1.1	2.1	Yes
<i>Erigeron elegantulus</i>	volcanic daisy	PDAST3M190	None	None	G4G5/S3.3	4.3	No
<i>Erigeron greenei</i>	Greene's narrow-leaved daisy	PDAST3M5G0	None	None	G1/S1.2?	1B.2	Yes
<i>Erigeron inornatus</i> var. <i>calidipetris</i>	hot rock daisy	PDAST3M1Z1	None	None	G5T3/S3.3	4.3	No
<i>Erigeron inornatus</i> var. <i>keilii</i>	keil's daisy	PDAST3M1Z2	None	None	G5T1/S1.3	1B.3	Yes
<i>Erigeron maniopotamicus</i>	Mad River fleabane daisy	PDASTE1050	None	None	G1/S1.2	1B.2	Yes
<i>Erigeron mariposanus</i>	Mariposa daisy	PDAST3M5L0	None	None	GH/SH	1A	Yes
<i>Erigeron miser</i>	starved daisy	PDAST3M2K0	None	None	G2/S2.3	1B.3	Yes
<i>Erigeron multiceps</i>	Kern River daisy	PDAST3M2N0	None	None	G2/S2.2	1B.2	Yes
<i>Erigeron nevadina</i> col.	Nevada daisy	PDAST3M2U0	None	None	G5T4/S2.3	2.3	Yes
<i>Erigeron nivalis</i>	snow fleabane daisy	PDASTE1060	None	None	G4G5/S2S3	2.3	Yes
<i>Erigeron oxyphyllus</i>	wand-like fleabane daisy	PDAST3M2Z0	None	None	G2G4/S1.3	2.3	Yes
<i>Erigeron parishii</i>	Parish's daisy	PDAST3M310	Threatened	None	G2/S2.1	1B.1	Yes
<i>Erigeron petrophilus</i> var. <i>sierrensis</i>	northern Sierra daisy	PDAST3M351	None	None	G4T3/S3.3	4.3	No
<i>Erigeron petrophilus</i> var. <i>viscidulus</i>	Klamath rock daisy	PDAST3M352	None	None	G4T3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Erigeron robustior</i>	robust daisy	PDAST3M134	None	None	G3/S3.3	4.3	No
<i>Erigeron sanctarum</i>	saint's daisy	PDAST3M3R0	None	None	G3/S3.2	4.2	No
<i>Erigeron serpentinus</i>	serpentine daisy	PDAST3M5M0	None	None	G1/S1.3	1B.3	Yes
<i>Erigeron supplex</i>	supple daisy	PDAST3M3Z0	None	None	G1/S1.1	1B.2	Yes
<i>Erigeron uncialis</i> var. <i>uncialis</i>	limestone daisy	PDAST3M452	None	None	G3G4T2/S2.2	1B.2	Yes
<i>Erigeron utahensis</i>	Utah daisy	PDAST3M480	None	None	G4/S1.3	2.3	Yes
<i>Eriodictyon altissimum</i>	Indian Knob mountainbalm	PDHYD04010	Endangered	Endangered	G2Q/S2.2	1B.1	Yes
<i>Eriodictyon angustifolium</i>	narrow-leaved yerba santa	PDHYD04020	None	None	G5/S2.3	2.3	Yes
<i>Eriodictyon capitatum</i>	Lompoc yerba santa	PDHYD04040	Endangered	Rare	G1/S1.2	1B.2	Yes
<i>Eriogonum alpinum</i>	Trinity buckwheat	PDPGN08060	None	Endangered	G2/S2.2	1B.2	Yes
<i>Eriogonum apricum</i> var. <i>apricum</i>	lone buckwheat	PDPGN080F1	Endangered	Endangered	G2T2/S2.1	1B.1	Yes
<i>Eriogonum apricum</i> var. <i>prostratum</i>	Irish Hill buckwheat	PDPGN080F2	Endangered	Endangered	G2T1/S1.1	1B.1	Yes
<i>Eriogonum argillosum</i>	clay buckwheat	PDPGN080J0	None	None	G3/S3.3	4.3	No
<i>Eriogonum baileyi</i> var. <i>praebens</i>	Bailey's woolly buckwheat	PDPGN080M2	None	None	G5T4/S3.3	4.3	No
<i>Eriogonum bifurcatum</i>	forked buckwheat	PDPGN080R0	None	None	G2/S1.2	1B.2	Yes
<i>Eriogonum breedlovei</i> var. <i>breedlovei</i>	Breedlove's buckwheat	PDPGN080V1	None	None	G3T2/S2.2	1B.2	Yes
<i>Eriogonum breedlovei</i> var. <i>shevockii</i>	The Needles buckwheat	PDPGN080V2	None	None	G3T3/S3.3	4.3	Yes
<i>Eriogonum butterworthianum</i>	Butterworth's buckwheat	PDPGN080X0	None	Rare	G1/S1.3	1B.3	Yes
<i>Eriogonum collinum</i>	hill buckwheat	PDPGN08160	None	None	G4/S3.3	4.3	No
<i>Eriogonum congdonii</i>	Congdon's buckwheat	PDPGN081A0	None	None	G3/S3.3	4.3	No
<i>Eriogonum contiguum</i>	Ash Meadows buckwheat	PDPGN081B0	None	None	G2?/S2?	2.3	Yes
<i>Eriogonum crocatum</i>	Conejo buckwheat	PDPGN081G0	None	Rare	G2/S2.1	1B.2	Yes
<i>Eriogonum diclinum</i>	Jaynes Canyon buckwheat	PDPGN081S0	None	None	G3/S3.3	4.3	No
<i>Eriogonum eastwoodianum</i>	Eastwood's buckwheat	PDPGN081V0	None	None	G1G2/S1S2.3	1B.3	Yes
<i>Eriogonum eremicola</i>	Wildrose Canyon buckwheat	PDPGN08210	None	None	G1/S1.3	1B.3	Yes
<i>Eriogonum evanidum</i>	vanishing wild buckwheat	PDPGN08780	None	None	G1/S1.1	1B.2	Yes
<i>Eriogonum giganteum</i> var. <i>compactum</i>	Santa Barbara Island buckwheat	PDPGN082A1	None	Rare	G2T2/S2.2	1B.3	Yes
<i>Eriogonum giganteum</i> var. <i>formosum</i>	San Clemente Island buckwheat	PDPGN082A2	None	None	G2T2/S2.2	1B.2	Yes
<i>Eriogonum giganteum</i> var. <i>giganteum</i>	Santa Catalina Island buckwheat	PDPGN082A3	None	None	G2T2/S2.2	4.3	No
<i>Eriogonum gilmanii</i>	Gilman's buckwheat	PDPGN082B0	None	None	G2/S2.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Eriogonum gossypinum</i>	cottony buckwheat	PDPGN082E0	None	None	G3/S3.2	4.2	No
<i>Eriogonum grande</i> var. <i>grande</i>	island buckwheat	PDPGN082J1	None	None	G3T3/S3.2	4.2	No
<i>Eriogonum grande</i> var. <i>rubescens</i>	red-flowered buckwheat	PDPGN082J2	None	None	G3T2/S2.2	1B.2	Yes
<i>Eriogonum grande</i> var. <i>timorum</i>	San Nicolas Island buckwheat	PDPGN082J3	None	Endangered	G3T1/S1.1	1B.1	Yes
<i>Eriogonum heermannii</i> var. <i>flocosum</i>	Clark Mountain buckwheat	PDPGN082P3	None	None	G5T3/S3.3	4.3	No
<i>Eriogonum heermannii</i> var. <i>occidentale</i>	western Heermann's buckwheat	PDPGN082P6	None	None	G5T3/S3.2	4.2	No
<i>Eriogonum heracleoides</i> var. <i>heracleoides</i>	parsnip-flowered buckwheat	PDPGN082R2	None	None	G5T5/S3.3	4.3	No
<i>Eriogonum hirtellum</i>	Klamath Mountain buckwheat	PDPGN082T0	None	None	G2/S2.2	1B.3	Yes
<i>Eriogonum hoffmannii</i> var. <i>hoffmannii</i>	Hoffmann's buckwheat	PDPGN082V1	None	None	G3T2/S2.3	1B.3	Yes
<i>Eriogonum hoffmannii</i> var. <i>robustius</i>	robust Hoffmann's buckwheat	PDPGN082V2	None	None	G3T2/S2.3	1B.3	Yes
<i>Eriogonum intrafractum</i>	jointed buckwheat	PDPGN08360	None	None	G2/S2.3	1B.3	Yes
<i>Eriogonum kelloggii</i>	Kellogg's buckwheat	PDPGN083A0	Candidate	Endangered	G1/S1.2	1B.2	Yes
<i>Eriogonum kennedyi</i> var. <i>alpinum</i>	southern alpine buckwheat	PDPGN083B1	None	None	G4T2/S2.3	1B.3	Yes
<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>	southern mountain buckwheat	PDPGN083B2	Threatened	None	G4T2/S2.2	1B.2	Yes
<i>Eriogonum kennedyi</i> var. <i>pinicola</i>	Kern buckwheat	PDPGN083B4	None	None	G4T1/S1.1	1B.1	Yes
<i>Eriogonum libertini</i>	Dubakella Mountain buckwheat	PDPGN083M0	None	None	G3/S3.2	4.2	No
<i>Eriogonum luteolum</i> var. <i>caninum</i>	Tiburon buckwheat	PDPGN083S1	None	None	G5T3/S3.2	1B.2	Yes
<i>Eriogonum luteolum</i> var. <i>saltuarium</i>	Jack's wild buckwheat	PDPGN083S4	None	None	G5T1/S1	1B.2	Yes
<i>Eriogonum microthecum</i> var. <i>alpinum</i>	northern limestone buckwheat	PDPGN083WA	None	None	G5T3/S3.3	4.3	No
<i>Eriogonum microthecum</i> var. <i>johnstonii</i>	Johnston's buckwheat	PDPGN083W5	None	None	G5T1/S1.2	1B.3	Yes
<i>Eriogonum microthecum</i> var. <i>lacus-ursi</i>	Bear Lake buckwheat	PDPGN083WF	None	None	G5T1/S1.1	1B.1	Yes
<i>Eriogonum microthecum</i> var. <i>lapidicola</i>	Inyo Mountains buckwheat	PDPGN083W6	None	None	G5T3T4/S3.3	4.3	No
<i>Eriogonum microthecum</i> var. <i>panamintense</i>	Panamint Mountains buckwheat	PDPGN083W9	None	None	G5T2/S2.3	1B.3	Yes
<i>Eriogonum microthecum</i> var. <i>schoolcraftii</i>	Schoolcraft's wild buckwheat	PDPGN083WG	None	None	G5T2/S2.2	1B.2	Yes
<i>Eriogonum nervulosum</i>	Snow Mountain buckwheat	PDPGN08440	None	None	G2/S2.2	1B.2	Yes
<i>Eriogonum nortonii</i>	Pinnacles buckwheat	PDPGN08470	None	None	G2/S2.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Eriogonum nudum</i> var. <i>decurrens</i>	Ben Lomond buckwheat	PDPGN08492	None	None	G5T2/S2.1	1B.1	Yes
<i>Eriogonum nudum</i> var. <i>indictum</i>	protruding buckwheat	PDPGN08494	None	None	G5T3/S3.2	4.2	No
<i>Eriogonum nudum</i> var. <i>murinum</i>	mouse buckwheat	PDPGN08495	None	None	G5T2/S2.2	1B.2	Yes
<i>Eriogonum nudum</i> var. <i>paralinum</i>	Del Norte buckwheat	PDPGN08498	None	None	G5T2T4/S2?	2.2	Yes
<i>Eriogonum nudum</i> var. <i>regirivum</i>	Kings River buckwheat	PDPGN0849F	None	None	G5T2/S2.2	1B.2	Yes
<i>Eriogonum nutans</i> var. <i>nutans</i>	Dugway wild buckwheat	PDPGN084B2	None	None	G5T3T4/S2.3	2.3	Yes
<i>Eriogonum ochrocephalum</i> var. <i>alexanderae</i>	Alexander's buckwheat	PDPGN084C5	None	None	G5T3/S2?	2.2	Yes
<i>Eriogonum ochrocephalum</i> var. <i>ochrocephalum</i>	ochre-flowered buckwheat	PDPGN084C6	None	None	G5T4/S1.2	2.2	Yes
<i>Eriogonum ovalifolium</i> var. <i>eximium</i>	brown-margined buckwheat	PDPGN084FD	None	None	G5T3/S3.2	4.3	No
<i>Eriogonum ovalifolium</i> var. <i>monarchense</i>	Monarch buckwheat	PDPGN084FJ	None	None	G5T1/S1.3	1B.3	Yes
<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	Cushenbury buckwheat	PDPGN084F8	Endangered	None	G5T1/S1.1	1B.1	Yes
<i>Eriogonum pendulum</i>	Waldo wild buckwheat	PDPGN084Q0	None	None	G4/S2.2	2.2	Yes
<i>Eriogonum polypodium</i>	Tulare County buckwheat	PDPGN084U0	None	None	G3/S3.3	4.3	No
<i>Eriogonum prattenianum</i> var. <i>avium</i>	Kettle Dome buckwheat	PDPGN084V1	None	None	G4T3/S3.2	4.2	No
<i>Eriogonum prociduum</i>	prostrate buckwheat	PDPGN084W0	None	None	G3/S2.2	1B.2	Yes
<i>Eriogonum puberulum</i>	downy buckwheat	PDPGN084X0	None	None	G3?/S1.3	2.3	Yes
<i>Eriogonum pyrolifolium</i> var. <i>pyrolifolium</i>	pyrola-leaved buckwheat	PDPGN084Z2	None	None	G4T4/S2.3	2.3	Yes
<i>Eriogonum shockleyi</i> var. <i>shockleyi</i>	Shockley's buckwheat	PDPGN085E2	None	None	G5T4?/S3.3	4.3	No
<i>Eriogonum siskiyouense</i>	Siskiyou buckwheat	PDPGN085F0	None	None	G3/S3.3	4.3	No
<i>Eriogonum spectabile</i>	Barron's buckwheat	PDPGN08750	None	None	G1/S1.2	1B.2	Yes
<i>Eriogonum strictum</i> var. <i>greenei</i>	Greene's buckwheat	PDPGN085L3	None	None	G5T3Q/S3.3	4.3	No
<i>Eriogonum temblorense</i>	Temblor buckwheat	PDPGN085P0	None	None	G2/S2.2	1B.2	Yes
<i>Eriogonum ternatum</i>	ternate buckwheat	PDPGN085R0	None	None	G4/S3.3	4.3	No
<i>Eriogonum thornei</i>	Thorne's wild buckwheat	PDPGN08233	None	Endangered	G1/S1.1	1B.2	Yes
<i>Eriogonum tripodum</i>	tripod buckwheat	PDPGN085Y0	None	None	G3/S3.2	4.2	No
<i>Eriogonum truncatum</i>	Mt. Diablo buckwheat	PDPGN085Z0	None	None	G1/S1.1	1B.1	Yes
<i>Eriogonum twisselmannii</i>	Twisselmann's buckwheat	PDPGN08610	None	Rare	G2/S2.2	1B.2	Yes
<i>Eriogonum umbellatum</i> var. <i>bahiiforme</i>	bay buckwheat	PDPGN086UB	None	None	G5T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Eriogonum umbellatum</i> var. <i>glaberrimum</i>	Warner Mountains buckwheat	PDPGN086U2	None	None	G5T2?/S1.3	1B.3	Yes
<i>Eriogonum umbellatum</i> var. <i>humistratum</i>	Mt. Eddy buckwheat	PDPGN086U4	None	None	G5T3/S3.3	4.3	No
<i>Eriogonum umbellatum</i> var. <i>juniperinum</i>	juniper sulphur-flowered buckwheat	PDPGN086U6	None	None	G5T3?/S1S2	2.3	Yes
<i>Eriogonum umbellatum</i> var. <i>lautum</i>	Scott Valley buckwheat	PDPGN086UX	None	None	G5T1/S1.1	1B.1	Yes
<i>Eriogonum umbellatum</i> var. <i>minus</i>	alpine sulphur-flowered buckwheat	PDPGN086U7	None	None	G5T3/S3.3	4.3	No
<i>Eriogonum umbellatum</i> var. <i>torreyanum</i>	Donner Pass buckwheat	PDPGN086U9	None	None	G5T2/S2.2	1B.2	Yes
<i>Eriogonum ursinum</i> var. <i>erubescens</i>	blushing wild buckwheat	PDPGN08632	None	None	G3G4T2/S2.3	1B.3	Yes
<i>Eriogonum vestitum</i>	Idria buckwheat	PDPGN08640	None	None	G3Q/S3.3	4.3	No
<i>Eriogonum wrightii</i> var. <i>olanchense</i>	Olancha Peak buckwheat	PDPGN086D3	None	None	G5T1/S1.3	1B.3	Yes
<i>Erioneuron pilosum</i>	hairy erioneuron	PMPOA2S020	None	None	G5/S2S3	2.3	Yes
<i>Eriophorum gracile</i>	slender cottongrass	PMCYP0A080	None	None	G5/S3.3	4.3	No
<i>Eriophyllum confertiflorum</i> var. <i>tanacetiflorum</i>	tansy-flowered woolly sunflower	PDAST3N0D0	None	None	G3Q/S3.3	4.3	No
<i>Eriophyllum congdonii</i>	Congdon's woolly sunflower	PDAST3N030	None	Rare	G2/S2.2	1B.2	Yes
<i>Eriophyllum jepsonii</i>	Jepson's woolly sunflower	PDAST3N040	None	None	G3/S3.2?	4.3	No
<i>Eriophyllum lanatum</i> var. <i>hallii</i>	Fort Tejon woolly sunflower	PDAST3N058	None	None	G5T1/S1.1	1B.1	Yes
<i>Eriophyllum lanatum</i> var. <i>obovatum</i>	southern Sierra woolly sunflower	PDAST3N05D	None	None	G5T3/S3.3	4.3	No
<i>Eriophyllum latilobum</i>	San Mateo woolly sunflower	PDAST3N060	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Eriophyllum mohavense</i>	Barstow woolly sunflower	PDAST3N070	None	None	G2/S2.2	1B.2	Yes
<i>Eriophyllum nubigenum</i>	Yosemite woolly sunflower	PDAST3N0A0	None	None	G2/S2.3	1B.3	Yes
<i>Eryngium aristulatum</i> var. <i>hooveri</i>	Hoover's button-celery	PDAPI0Z043	None	None	G5T2/S2.1	1B.1	Yes
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	PDAPI0Z042	Endangered	Endangered	G5T2/S2.1	1B.1	Yes
<i>Eryngium constancei</i>	Loch Lomond button-celery	PDAPI0Z0W0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Eryngium pendletonensis</i>	Pendleton button-celery	PDAPI0Z120	None	None	G1/S1.1	1B.1	Yes
<i>Eryngium pinnatisectum</i>	Tuolumne button-celery	PDAPI0Z0P0	None	None	G3/S3.2	1B.2	Yes
<i>Eryngium racemosum</i>	Delta button-celery	PDAPI0Z0S0	None	Endangered	G2Q/S2.1	1B.1	Yes
<i>Eryngium spinosepalum</i>	spiny-sepaled button-celery	PDAPI0Z0Y0	None	None	G2/S2.2	1B.2	Yes
<i>Erysimum ammophilum</i>	sand-loving wallflower	PDBRA16010	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Erysimum capitatum</i> ssp. <i>lompocense</i>	San Luis Obispo wallflower	PDBRA16057	None	None	G5T3/S3.2	4.2	No
<i>Erysimum capitatum</i> var. <i>angustatum</i>	Contra Costa wallflower	PDBRA16052	Endangered	Endangered	G5T1/S1.1	1B.1	Yes
<i>Erysimum franciscanum</i>	San Francisco wallflower	PDBRA160A0	None	None	G3/S3.2	4.2	No
<i>Erysimum insulare</i> ssp. <i>insulare</i>	island wallflower	PDBRA160D1	None	None	G3T2/S2.3	1B.3	Yes
<i>Erysimum insulare</i> ssp. <i>suffrutescens</i>	suffrutescent wallflower	PDBRA160D2	None	None	G3T3/S3.2	4.2	No
<i>Erysimum menziesii</i> ssp. <i>eurekense</i>	Humboldt Bay wallflower	PDBRA160E2	Endangered	Endangered	G3?T1/S1.1	1B.1	Yes
<i>Erysimum menziesii</i> ssp. <i>menziesii</i>	Menzies' wallflower	PDBRA160E1	Endangered	Endangered	G3?T2/S2.1	1B.1	Yes
<i>Erysimum menziesii</i> ssp. <i>yadonii</i>	Yadon's wallflower	PDBRA160E4	Endangered	Endangered	G3?T1/S1.1	1B.1	Yes
<i>Erysimum teretifolium</i>	Santa Cruz wallflower	PDBRA160N0	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Erythronium citrinum</i> var. <i>citrinum</i>	lemon-colored fawn lily	PMLIL0U041	None	None	G4T4/S3.3	4.3	No
<i>Erythronium citrinum</i> var. <i>roderickii</i>	Scott Mountains fawn lily	PMLIL0U042	None	None	G4T1/S1.3	1B.3	Yes
<i>Erythronium helenae</i>	St. Helena fawn lily	PMLIL0U060	None	None	G3/S3.2	4.2	No
<i>Erythronium hendersonii</i>	Henderson's fawn lily	PMLIL0U070	None	None	G4/S1.3	2.3	Yes
<i>Erythronium howellii</i>	Howell's fawn lily	PMLIL0U080	None	None	G3G4/S2.3	1B.3	Yes
<i>Erythronium klamathense</i>	Klamath fawn lily	PMLIL0U090	None	None	G4/S2.2	2.2	Yes
<i>Erythronium oregonum</i>	giant fawn lily	PMLIL0U0C0	None	None	G5/S2.2	2.2	Yes
<i>Erythronium pluriflorum</i>	Shuteye Peak fawn lily	PMLIL0U0Q0	None	None	G1/S1.3	1B.3	Yes
<i>Erythronium pusaterii</i>	Kaweah fawn lily	PMLIL0U0R0	None	None	G2/S2.3	1B.3	Yes
<i>Erythronium revolutum</i>	coast fawn lily	PMLIL0U0F0	None	None	G4/S2.2	2.2	Yes
<i>Erythronium taylorii</i>	Pilot Ridge fawn lily	PMLIL0U0S0	None	None	G1/S1.2	1B.2	Yes
<i>Erythronium tuolumnense</i>	Tuolumne fawn lily	PMLIL0U0HO	None	None	G3/S3.2	1B.2	Yes
<i>Eschscholzia hypocoides</i>	San Benito poppy	PDPAP0A060	None	None	G3/S3.3	4.3	No
<i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i>	Tejon poppy	PDPAP0A071	None	None	G5T1/S1.1?	1B.1	Yes
<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	Red Rock poppy	PDPAP0A093	None	None	G5T2/S2.2	1B.2	Yes
<i>Eschscholzia procera</i>	Kernville poppy	PDPAP0A0B0	None	None	G1G2Q/S1S2	3	No
<i>Eschscholzia ramosa</i>	island poppy	PDPAP0A0C0	None	None	G3/S3.3	4.3	No
<i>Eschscholzia rhombipetala</i>	diamond-petaled California poppy	PDPAP0A0D0	None	None	G1/S1.1	1B.1	Yes
<i>Eucephalus vialis</i>	wayside aster	PDASTEC0A0	None	None	G3/S1.2	1B.2	Yes
<i>Eucnide rupestris</i>	annual rock-nettle	PDLOA02020	None	None	G3/S2.2?	2.2	Yes
<i>Euphorbia exstipulata</i> var. <i>exstipulata</i>	Clark Mountain spurge	PDEUP0Q0P1	None	None	G5T5?/S1.3	2.1	Yes
<i>Euphorbia misera</i>	cliff spurge	PDEUP0Q1B0	None	None	G5/S3.2	2.2	Yes
<i>Eurybia merita</i>	subalpine aster	PDASTEB030	None	None	G5/S1.3	2.3	Yes
<i>Fendlerella utahensis</i>	yerba deserto	PDHDR08010	None	None	G5/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Ferocactus viridescens</i>	San Diego barrel cactus	PDCAC08060	None	None	G4/S3.1	2.1	Yes
<i>Festuca minutiflora</i>	small-flowered fescue	PMPOA2V1M0	None	None	G5/S1.3	2.3	Yes
<i>Fimbristylis thermalis</i>	hot springs fimbristylis	PMCYP0B0NO	None	None	G4/S2.2	2.2	Yes
<i>Frangula purshiana</i> ssp. <i>ultramafica</i>	Caribou coffeeberry	PDRHA0H061	None	None	G4T1/S1.2	1B.2	Yes
<i>Frankenia palmeri</i>	Palmer's frankenia	PDFRA01040	None	None	G3G4/S1.1	2.1	Yes
<i>Fraxinus parryi</i>	chaparral ash	PDOLE040K0	None	None	G3?/S1.2	2.2	Yes
<i>Fremontodendron decumbens</i>	Pine Hill flannelbush	PDSTE03030	Endangered	Rare	G1/S1.2	1B.2	Yes
<i>Fremontodendron mexicanum</i>	Mexican flannelbush	PDSTE03020	Endangered	Rare	G2/S2.1	1B.1	Yes
<i>Fritillaria agrestis</i>	stinkbells	PMLIL0V010	None	None	G3/S3.2	4.2	Yes
<i>Fritillaria biflora</i> var. <i>ineziana</i>	Hillsborough chocolate lily	PMLIL0V031	None	None	G1QT1Q/S1.1	1B.1	Yes
<i>Fritillaria brandegeei</i>	Greenhorn fritillary	PMLIL0V040	None	None	G2/S2.3	1B.3	Yes
<i>Fritillaria eastwoodiae</i>	Butte County fritillary	PMLIL0V060	None	None	G3Q/S3.2	3.2	Yes
<i>Fritillaria falcata</i>	talus fritillary	PMLIL0V070	None	None	G2/S2.2	1B.2	Yes
<i>Fritillaria gentneri</i>	Gentner's fritillary	PMLIL0V080	Endangered	None	G1/S1.1	1B.1	Yes
<i>Fritillaria glauca</i>	Siskiyou fritillaria	PMLIL0V090	None	None	G4/S3	4.2	No
<i>Fritillaria lanceolata</i> var. <i>tristulis</i>	Marin checker lily	PMLIL0V0P1	None	None	G5T1/S1.1	1B.1	Yes
<i>Fritillaria liliacea</i>	fragrant fritillary	PMLIL0V0C0	None	None	G2/S2.2	1B.2	Yes
<i>Fritillaria ojaiensis</i>	Ojai fritillary	PMLIL0V0N0	None	None	G1/S1.2	1B.2	Yes
<i>Fritillaria pinetorum</i>	pine fritillary	PMLIL0V0E0	None	None	G4/S3.3	4.3	No
<i>Fritillaria pluriflora</i>	adobe-lily	PMLIL0V0F0	None	None	G2/S2.2	1B.2	Yes
<i>Fritillaria purdyi</i>	Purdy's fritillary	PMLIL0V0HO	None	None	G3/S3.2	4.3	No
<i>Fritillaria roderickii</i>	Roderick's fritillary	PMLIL0V0M0	None	Endangered	G1Q/S1.1	1B.1	Yes
<i>Fritillaria striata</i>	striped adobe-lily	PMLIL0V0KO	None	Threatened	G2/S2.1	1B.1	Yes
<i>Fritillaria viridea</i>	San Benito fritillary	PMLIL0V0L0	None	None	G3/S3.2	1B.2	Yes
<i>Galium andrewsii</i> ssp. <i>gatense</i>	serpentine phlox-leaf bedstraw	PDRUB0N032	None	None	G5T3/S3.2	4.2	No
<i>Galium angustifolium</i> ssp. <i>boregoense</i>	Borrego bedstraw	PDRUB0N042	None	Rare	G5T2/S2.3	1B.3	Yes
<i>Galium angustifolium</i> ssp. <i>gabrielense</i>	San Antonio Canyon bedstraw	PDRUB0N044	None	None	G5T3/S3.3	4.3	No
<i>Galium angustifolium</i> ssp. <i>gracillimum</i>	slender bedstraw	PDRUB0N04B	None	None	G5T3/S3.2	4.2	No
<i>Galium angustifolium</i> ssp. <i>jacinticum</i>	San Jacinto Mountains bedstraw	PDRUB0N04C	None	None	G5T1/S1.3	1B.3	Yes
<i>Galium angustifolium</i> ssp. <i>onyctense</i>	Onyx Peak bedstraw	PDRUB0N048	None	None	G5T2/S2.3	1B.3	Yes
<i>Galium buxifolium</i>	box bedstraw	PDRUB0N0D0	Endangered	Rare	G2/S2.2	1B.2	Yes
<i>Galium californicum</i> ssp. <i>lucicense</i>	Cone Peak bedstraw	PDRUB0N0E3	None	None	G5T2/S2.3	1B.3	Yes
<i>Galium californicum</i> ssp. <i>miguelense</i>	San Miguel Island bedstraw	PDRUB0N0E5	None	None	G5T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Galium californicum</i> ssp. <i>primum</i>	Alvin Meadow bedstraw	PDRUB0N0E6	None	None	G5T1/S1.1	1B.2	Yes
<i>Galium californicum</i> ssp. <i>sierrae</i>	El Dorado bedstraw	PDRUB0N0E7	Endangered	Rare	G5T1/S1.2	1B.2	Yes
<i>Galium catalinense</i> ssp. <i>acrispum</i>	San Clemente Island bedstraw	PDRUB0N0F1	None	Endangered	G4T2/S2.2	1B.2	Yes
<i>Galium catalinense</i> ssp. <i>catalinense</i>	Santa Catalina Island bedstraw	PDRUB0N0F2	None	None	G4T2T3/S2S3.2	1B.2	Yes
<i>Galium clementis</i>	Santa Lucia bedstraw	PDRUB0N0H0	None	None	G2/S2.3	1B.3	Yes
<i>Galium cliftonsmithii</i>	Santa Barbara bedstraw	PDRUB0N0J0	None	None	G3/S3.3	4.3	No
<i>Galium glabrescens</i> ssp. <i>modocense</i>	Modoc bedstraw	PDRUB0N0T2	None	None	G4T2/S2.2	1B.2	Yes
<i>Galium grande</i>	San Gabriel bedstraw	PDRUB0N0V0	None	None	G2/S2.2	1B.2	Yes
<i>Galium hardhamiae</i>	Hardham's bedstraw	PDRUB0N0Y0	None	None	G2/S2.3	1B.3	Yes
<i>Galium hilendiae</i> ssp. <i>carneum</i>	Panamint Mountains bedstraw	PDRUB0N0Z1	None	None	G4T2/S2.3	1B.3	Yes
<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	Kingston Mountains bedstraw	PDRUB0N0Z3	None	None	G4T2/S1.3	1B.3	Yes
<i>Galium hypotrichium</i> ssp. <i>tomentellum</i>	Telescope Peak bedstraw	PDRUB0N126	None	None	G5T1/S1.3	1B.3	Yes
<i>Galium jepsonii</i>	Jepson's bedstraw	PDRUB0N130	None	None	G3/S3.3	4.3	No
<i>Galium johnstonii</i>	Johnston's bedstraw	PDRUB0N140	None	None	G3/S3.3	4.3	No
<i>Galium munzii</i>	Munz's bedstraw	PDRUB0N1G0	None	None	G4G5/S3.3	4.3	No
<i>Galium nuttallii</i> ssp. <i>insulare</i>	Nuttall's island bedstraw	PDRUB0N1K1	None	None	G5?T3/S3.3	4.3	No
<i>Galium oreganum</i>	Oregon bedstraw	PDRUB0N1N0	None	None	G4/S2S3	3	No
<i>Galium serpenticum</i> ssp. <i>scotticum</i>	Scott Mountain bedstraw	PDRUB0N1Y6	None	None	G4G5T2/S2.2	1B.2	Yes
<i>Galium serpenticum</i> ssp. <i>warnerense</i>	Warner Mountains bedstraw	PDRUB0N1Y8	None	None	G4G5T2/S1.2	1B.2	Yes
<i>Galium wrightii</i>	Wright's bedstraw	PDRUB0N2F0	None	None	G3G4/S1.2	2.3	Yes
<i>Galvezia speciosa</i>	showy island snapdragon	PDSCR2H010	None	None	G2/S2.2	1B.2	Yes
<i>Gentiana affinis</i> var. <i>parvidentata</i>	small-toothed prairie gentian	PDGEN06013	None	None	G5T3?Q/SNR	3	No
<i>Gentiana fremontii</i>	Fremont's gentian	PDGEN060Y0	None	None	G4/S2.3	2.3	Yes
<i>Gentiana plurisetosa</i>	Klamath gentian	PDGEN060V0	None	None	G2G3/S2S3.3	1B.3	Yes
<i>Gentiana prostrata</i>	pygmy gentian	PDGEN060M0	None	None	G4G5/S2.3	2.3	Yes
<i>Gentiana setigera</i>	Mendocino gentian	PDGEN060S0	None	None	G2/S1.2	1B.2	Yes
<i>Geraea viscida</i>	sticky geraea	PDAST42020	None	None	G3/S2.3?	2.3	Yes
<i>Geum aleppicum</i>	Aleppo avens	PDROS0S010	None	None	G5/S2.2?	2.2	Yes
<i>Gilia capitata</i> ssp. <i>chamissonis</i>	blue coast gilia	PDPLM040B3	None	None	G5T2/S2.1	1B.1	Yes
<i>Gilia capitata</i> ssp. <i>pacifica</i>	Pacific gilia	PDPLM040B6	None	None	G5T3T4/S2.2?	1B.2	Yes
<i>Gilia capitata</i> ssp. <i>tomentosa</i>	woolly-headed gilia	PDPLM040B9	None	None	G5T1/S1.1	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Gilia interior</i>	inland gilia	PDPLM040Q0	None	None	G3/S3.3	4.3	No
<i>Gilia latiflora</i> ssp. <i>cuyamensis</i>	Cuyama gilia	PDPLM040T2	None	None	G5?T3/S3.3	4.3	No
<i>Gilia leptantha</i> ssp. <i>leptantha</i>	San Bernardino gilia	PDPLM040W1	None	None	G4T2/S2.3	1B.3	Yes
<i>Gilia leptantha</i> ssp. <i>pinetorum</i>	pine gilia	PDPLM040W2	None	None	G4T3/S3.3	4.3	No
<i>Gilia millefoliata</i>	dark-eyed gilia	PDPLM04130	None	None	G2/S2.2	1B.2	Yes
<i>Gilia nevinii</i>	Nevin's gilia	PDPLM04160	None	None	G3/S3.2	4.3	No
<i>Gilia tenuiflora</i> ssp. <i>amplifaucalis</i>	trumpet-throated gilia	PDPLM041P4	None	None	G3G4T3/S3.3	4.3	No
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	sand gilia	PDPLM041P2	Endangered	Threatened	G3G4T2/S2.2	1B.2	Yes
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i>	Hoffmann's slender-flowered gilia	PDPLM041P3	Endangered	None	G3G4T1/S1.1	1B.1	Yes
<i>Gilia yorkii</i>	Monarch gilia	PDPLM04230	None	None	G1/S1.2	1B.2	Yes
<i>Gilmania luteola</i>	golden-carpet gilmania	PDPGN0A010	None	None	G1/S1.3	1B.3	Yes
<i>Githopsis diffusa</i> ssp. <i>filicaulis</i>	Mission Canyon bluecup	PDCAM07023	None	None	G5T2T3/S1.1	3.1	Yes
<i>Githopsis pulchella</i> ssp. <i>serpentinicola</i>	serpentine bluecup	PDCAM07053	None	None	G4T3/S3.3	4.3	No
<i>Githopsis tenella</i>	delicate bluecup	PDCAM07070	None	None	G2/S2.3	1B.3	Yes
<i>Glehnia littoralis</i> ssp. <i>leiocarpa</i>	American glehnia	PDAPI13011	None	None	G5T5/S3.2	4.2	No
<i>Glossopetalon pungens</i>	pungent glossopetalon	PDCRO04020	None	None	G2G3/S1.3	1B.2	Yes
<i>Glyceria grandis</i>	American manna grass	PMPOA2Y080	None	None	G5/S1.3?	2.3	Yes
<i>Goodmania luteola</i>	golden goodmania	PDPGN0B010	None	None	G3/S3.2	4.2	No
<i>Gratiola heterosepala</i>	Boggs Lake hedge-hyssop	PDSCR0R060	None	Endangered	G3/S3.1	1B.2	Yes
<i>Grindelia fraxino-pratensis</i>	Ash Meadows gumplant	PDAST47080	Threatened	None	G2/S1.2	1B.2	Yes
<i>Grindelia hirsutula</i> var. <i>hallii</i>	San Diego gumplant	PDAST470D4	None	None	G5T2/S2.2	1B.2	Yes
<i>Grindelia hirsutula</i> var. <i>maritima</i>	San Francisco gumplant	PDAST470D3	None	None	G5T2/S2.1	1B.2	Yes
<i>Grusonia parishii</i>	Parish's club-cholla	PDCAC0D2H0	None	None	G3G4/S2.3?	2.3	Yes
<i>Hackelia amethystina</i>	amethyst stickseed	PDBOR0G010	None	None	G3/S3.3	4.3	No
<i>Hackelia brevicula</i>	Poison Canyon stickseed	PDBOR0G040	None	None	G2/S2.3	3.3	Yes
<i>Hackelia cusickii</i>	Cusick's stickseed	PDBOR0G090	None	None	G5?/S3.3	4.3	No
<i>Hackelia sharsmithii</i>	Sharsmith's stickseed	PDBOR0G0Q0	None	None	G3/S2S3.3	2.3	Yes
<i>Halimolobos virgata</i>	virgate halimolobos	PDBRA1A040	None	None	G4/S1.3?	2.3	Yes
<i>Harmonia doris-nilesiae</i>	Niles' harmonia	PDAST650L0	None	None	G2/S2.1	1B.1	Yes
<i>Harmonia guggolziorum</i>	Guggolz' harmonia	PDAST650M0	None	None	G1/S1.1	1B.1	Yes
<i>Harmonia hallii</i>	Hall's harmonia	PDAST650A0	None	None	G2/S2.2	1B.2	Yes
<i>Harmonia nutans</i>	nodding harmonia	PDAST650D0	None	None	G3/S3.3	4.3	No
<i>Harmonia stebbinsii</i>	Stebbins' harmonia	PDAST650K0	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Harpagonella palmeri</i>	Palmer's grapplinghook	PDBOR0H010	None	None	G4/S3.2	4.2	Yes
<i>Hazardia cana</i>	San Clemente Island hazardia	PDAST4H020	None	None	G2/S2.2	1B.2	Yes
<i>Hazardia detonsa</i>	island hazardia	PDAST4H030	None	None	G3/S3.3	4.3	No
<i>Hazardia orcuttii</i>	Orcutt's hazardia	PDAST4H070	Candidate	Threatened	G1G2/S1.1	1B.1	Yes
<i>Hecastocleis shockleyi</i>	prickle-leaf	PDAST4J010	None	None	G4/S3S4	3	No
<i>Hedeoma drummondii</i>	Drummond's false pennyroyal	PDLAM0M060	None	None	G5/S1.2	2.2	Yes
<i>Hedeoma nanum</i> ssp. <i>californicum</i>	California mock pennyroyal	PDLAM0M0S1	None	None	G5T4/S3.3	4.3	No
<i>Helianthella castanea</i>	Diablo helianthella	PDAST4M020	None	None	G3/S3.2	1B.2	Yes
<i>Helianthemum greenei</i>	island rush-rose	PDCIS02090	Threatened	None	G2/S2.2	1B.2	Yes
<i>Helianthemum suffrutescens</i>	Bisbee Peak rush-rose	PDCIS020F0	None	None	G2Q/S2.2	3.2	Yes
<i>Helianthus exilis</i>	serpentine sunflower	PDAST4N1J0	None	None	G3Q/S3.2	4.2	No
<i>Helianthus niveus</i> ssp. <i>tephrodes</i>	Algodones Dunes sunflower	PDAST4N0Z2	None	Endangered	G4T2/S1.2	1B.2	Yes
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	PDAST4N102	None	None	G5TH/SH	1A	Yes
<i>Hemizonia congesta</i> ssp. <i>calyculata</i>	Mendocino tarplant	PDAST4R063	None	None	G5T3/S3.3	4.3	No
<i>Hemizonia congesta</i> ssp. <i>leucocephala</i>	pale yellow hayfield tarplant	PDAST4R065	None	None	G5T2T3/S2S3	3	No
<i>Hemizonia congesta</i> ssp. <i>tracyi</i>	Tracy's tarplant	PDAST4R067	None	None	G5T3/S3.3	4.3	No
<i>Herissantia crispa</i>	curly herissantia	PDMAL0F010	None	None	G5/S1.3?	2.3	Yes
<i>Hesperevax caulescens</i>	hogwallow starfish	PDASTE5020	None	None	G3/S3.2	4.2	No
<i>Hesperevax sparsiflora</i> var. <i>brevifolia</i>	short-leaved evax	PDASTE5011	None	None	G4T2T3/S2S3	1B.2	Yes
<i>Hesperolinon adenophyllum</i>	glandular western flax	PDLIN01010	None	None	G2/S2.3	1B.2	Yes
<i>Hesperolinon bicarpellatum</i>	two-carpellate western flax	PDLIN01020	None	None	G2/S2.2	1B.2	Yes
<i>Hesperolinon breweri</i>	Brewer's western flax	PDLIN01030	None	None	G2/S2.2	1B.2	Yes
<i>Hesperolinon congestum</i>	Marin western flax	PDLIN01060	Threatened	Threatened	G2/S2.1	1B.1	Yes
<i>Hesperolinon didymocarpum</i>	Lake County western flax	PDLIN01070	None	Endangered	G1/S1.2	1B.2	Yes
<i>Hesperolinon drymariooides</i>	drymaria-like western flax	PDLIN01090	None	None	G2/S2.2	1B.2	Yes
<i>Hesperolinon</i> sp. nov. "serpentinum"	Napa western flax	PDLIN010D0	None	None	G2/S2.1	1B.1	Yes
<i>Hesperolinon tehamense</i>	Tehama County western flax	PDLIN010C0	None	None	G1/S1.2	1B.3	Yes
<i>Heterotheca monachensis</i>	Monarch golden-aster	PDAST4V0U0	None	None	G1/S1.3	1B.3	Yes
<i>Heterotheca sessiliflora</i> ssp. <i>sessiliflora</i>	beach goldenaster	PDAST4V0K2	None	None	G4T2T3/S2.1?	1B.1	Yes
<i>Heterotheca shevockii</i>	Shevock's golden-aster	PDAST4V0T0	None	None	G1/S1.3	1B.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Heuchera abramsii</i>	Abrams' alumroot	PDSAX0E010	None	None	G3/S3.3	4.3	No
<i>Heuchera brevistaminea</i>	Laguna Mountains alumroot	PDSAX0E050	None	None	G2/S2.3	1B.3	Yes
<i>Heuchera elegans</i>	urn-flowered alumroot	PDSAX0E0C0	None	None	G3/S3.3	4.3	No
<i>Heuchera hirsutissima</i>	shaggy-haired alumroot	PDSAX0E0J0	None	None	G2/S2.3	1B.3	Yes
<i>Heuchera maxima</i>	island alumroot	PDSAX0E0M0	None	None	G2/S2.2	1B.2	Yes
<i>Heuchera parishii</i>	Parish's alumroot	PDSAX0E0S0	None	None	G2/S2.3	1B.3	Yes
<i>Heuchera rubescens</i> var. <i>versicolor</i>	San Diego County alumroot	PDSAX0E106	None	None	G5T4/S1.3?	2.3	Yes
<i>Hibiscus lasiocarpus</i>	woolly rose-mallow	PDMAL0H0Q0	None	None	G4/S2.2	2.2	Yes
<i>Hierochloe odorata</i>	nodding vanilla-grass	PMPOA35040	None	None	G5/S1.3?	2.3	Yes
<i>Hoita strobilina</i>	Loma Prieta hoita	PDFAB5Z030	None	None	G2/S2.1	1B.1	Yes
<i>Holocarpha macradenia</i>	Santa Cruz tarplant	PDAST4X020	Threatened	Endangered	G1/S1.1	1B.1	Yes
<i>Holocarpha virgata</i> ssp. <i>elongata</i>	graceful tarplant	PDAST4X041	None	None	G5T3/S3.2	4.2	No
<i>Hordeum intercedens</i>	vernal barley	PMPOA380E0	None	None	G3G4/S3S4	3.2	No
<i>Horkelia bolanderi</i>	Bolander's horkelia	PDROS0W010	None	None	G1/S1.2	1B.2	Yes
<i>Horkelia congesta</i> ssp. <i>nemorosa</i>	Josephine horkelia	PDROS0W032	None	None	G4T4?/S1.1	2.1	Yes
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	mesa horkelia	PDROS0W045	None	None	G4T2/S2.1	1B.1	Yes
<i>Horkelia cuneata</i> ssp. <i>sericea</i>	Kellogg's horkelia	PDROS0W043	None	None	G4T1/S1.1	1B.1	Yes
<i>Horkelia hendersonii</i>	Henderson's horkelia	PDROS0W090	None	None	G1/S1.2	1B.1	Yes
<i>Horkelia hispidula</i>	White Mountains horkelia	PDROS0W0A0	None	None	G2/S2.3	1B.3	Yes
<i>Horkelia marinensis</i>	Point Reyes horkelia	PDROS0W0B0	None	None	G2/S2.2	1B.2	Yes
<i>Horkelia parryi</i>	Parry's horkelia	PDROS0W0C0	None	None	G2/S2.2	1B.2	Yes
<i>Horkelia sericata</i>	Howell's horkelia	PDROS0W0D0	None	None	G3G4/S3.3	4.3	No
<i>Horkelia tenuiloba</i>	thin-lobed horkelia	PDROS0W0E0	None	None	G2/S2.2	1B.2	Yes
<i>Horkelia truncata</i>	Ramona horkelia	PDROS0W0G0	None	None	G3/S2.3	1B.3	Yes
<i>Horkelia tularensis</i>	Kern Plateau horkelia	PDROS0W0H0	None	None	G1/S1.3	1B.3	Yes
<i>Horkelia wilderae</i>	Barton Flats horkelia	PDROS0W0J0	None	None	G1/S1.1	1B.1	Yes
<i>Horkelia yadonii</i>	Santa Lucia horkelia	PDROS0W0K0	None	None	G3/S3.2	4.2	No
<i>Horsfordia alata</i>	pink velvet-mallow	PDMAL0J010	None	None	G4/S3.3	4.3	No
<i>Horsfordia newberryi</i>	Newberry's velvet-mallow	PDMAL0J020	None	None	G4/S3.3	4.3	No
<i>Howellia aquatilis</i>	water howellia	PDCAM0A010	Threatened	None	G3/S1.2	2.2	Yes
<i>Hulsea brevifolia</i>	short-leaved hulsea	PDAST4Z020	None	None	G3/S3.2	1B.2	Yes
<i>Hulsea californica</i>	San Diego sunflower	PDAST4Z030	None	None	G2/S2.1	1B.3	Yes
<i>Hulsea mexicana</i>	Mexican hulsea	PDAST4Z050	None	None	G3G4/S1.3	2.3	Yes
<i>Hulsea nana</i>	little hulsea	PDAST4Z060	None	None	G4/S2.3	2.3	Yes
<i>Hulsea vestita</i> ssp. <i>callicarpa</i>	beautiful hulsea	PDAST4Z074	None	None	G5T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Hulsea vestita</i> ssp. <i>gabrielensis</i>	San Gabriel Mountains sunflower	PDAST4Z075	None	None	G5T3/S3.3	4.3	No
<i>Hulsea vestita</i> ssp. <i>inyoensis</i>	Inyo hulsea	PDAST4Z073	None	None	G5T2T3/S1.2	2.2	Yes
<i>Hulsea vestita</i> ssp. <i>parryi</i>	Parry's sunflower	PDAST4Z076	None	None	G5T3/S3.3	4.3	No
<i>Hulsea vestita</i> ssp. <i>pygmaea</i>	pygmy hulsea	PDAST4Z077	None	None	G5T2/S2.3	1B.3	Yes
<i>Hymenopappus filifolius</i> var. <i>eriopodus</i>	hairy-podded fine-leaf hymenopappus	PDAST51032	None	None	G5T3/S1.3	2.3	Yes
<i>Hymenopappus filifolius</i> var. <i>nanus</i>	little cutleaf	PDAST5103H	None	None	G5T4/S2.3	2.3	Yes
<i>Hymenothrix wrightii</i>	Wright's hymenothrix	PDAST52030	None	None	G5/S3.3	4.3	No
<i>Hymenoxyx lemmonii</i>	alkali hymenoxys	PDAST530C0	None	None	G3?/S2.2	2.2	Yes
<i>Iliamna bakeri</i>	Baker's globe mallow	PDMAL0K010	None	None	G4/S3.2	4.2	Yes
<i>Iliamna latibracteata</i>	California globe mallow	PDMAL0K040	None	None	G3/S2.2	1B.2	Yes
<i>Imperata brevifolia</i>	California satintail	PMPOA3D020	None	None	G2/S2.1	2.1	Yes
<i>Ipomopsis effusa</i>	Baja California ipomopsis	PDPLM060U0	None	None	G3?/S1.1	2.1	Yes
<i>Ipomopsis tenuifolia</i>	slender-leaved ipomopsis	PDPLM060J0	None	None	G3G4/S2.3?	2.3	Yes
<i>Iris bracteata</i>	Siskiyou iris	PMIRI09020	None	None	G4G5/S3.3?	3.3	No
<i>Iris hartwegii</i> ssp. <i>columbiana</i>	Tuolumne iris	PMIRI090D2	None	None	G4T2/S2.2	1B.2	Yes
<i>Iris innominata</i>	Del Norte County iris	PMIRI090F0	None	None	G4G5/S3.3	4.3	No
<i>Iris longipetala</i>	coast iris	PMIRI092E0	None	None	G3/S3.2	4.2	No
<i>Iris munzii</i>	Munz's iris	PMIRI090M0	None	None	G2/S2.3	1B.3	Yes
<i>Iris tenax</i> ssp. <i>klamathensis</i>	Orleans iris	PMIRI090Z2	None	None	G4G5T3/S3.3	4.3	No
<i>Isocoma arguta</i>	Carquinez goldenbush	PDAST57050	None	None	G1/S1.1	1B.1	Yes
<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush	PDAST57091	None	None	G3G5T2T3/S2.	1B.2	Yes
<i>Isocoma menziesii</i> var. <i>diabolica</i>	Satan's goldenbush	PDAST57092	None	None	G3G5T3/S3.2	4.2	No
<i>Iva acerosa</i>	copperwort	PDAST58010	None	None	G5/S3.2	4.2	No
<i>Iva hayesiana</i>	San Diego marsh-elder	PDAST580A0	None	None	G3?/S2.2?	2.2	Yes
<i>Iva nevadensis</i>	Nevada wormwood	PDAST580D0	None	None	G3?/S3.3	4.3	No
<i>Ivesia aperta</i> var. <i>aperta</i>	Sierra Valley ivesia	PDROS0X011	None	None	G2T2/S2.2	1B.2	Yes
<i>Ivesia aperta</i> var. <i>canina</i>	Dog Valley ivesia	PDROS0X012	None	None	G2T1/S1.1	1B.1	Yes
<i>Ivesia argyrocoma</i>	silver-haired ivesia	PDROS0X020	None	None	G2/S2.2	1B.2	Yes
<i>Ivesia arizonica</i> var. <i>arizonica</i>	yellow ivesia	PDROS0X0R1	None	None	G3G4T3T4/S1.	2.3	Yes
<i>Ivesia baileyi</i> var. <i>baileyi</i>	Bailey's ivesia	PDROS0X031	None	None	G5T4/S1.3	2.3	Yes
<i>Ivesia baileyi</i> var. <i>beneolens</i>	Owyhee ivesia	PDROS0X032	None	None	G5T5/S1.3	2.3	Yes
<i>Ivesia callida</i>	Tahquitz ivesia	PDROS0X040	None	Rare	G1/S1.3	1B.3	Yes
<i>Ivesia campestris</i>	field ivesia	PDROS0X050	None	None	G3/S3.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Ivesia jaegeri</i>	Jaeger's ivesia	PDROS0X080	None	None	G2G3/S1.3	1B.3	Yes
<i>Ivesia kingii</i> var. <i>kingii</i>	alkali ivesia	PDROS0X092	None	None	G3T2Q/S2.2	1B.2	Yes
<i>Ivesia longibracteata</i>	Castle Crags ivesia	PDROS0X0U0	None	None	G1/S1.3	1B.3	Yes
<i>Ivesia paniculata</i>	Ash Creek ivesia	PDROS0X0S0	None	None	G2/S2.2	1B.2	Yes
<i>Ivesia patellifera</i>	Kingston Mountains ivesia	PDROS0X0Z0	None	None	G1/S1.3	1B.3	Yes
<i>Ivesia pickeringii</i>	Pickering's ivesia	PDROS0X0D0	None	None	G2/S2.2	1B.2	Yes
<i>Ivesia sericoleuca</i>	Plumas ivesia	PDROS0X0K0	None	None	G2/S2.2	1B.2	Yes
<i>Ivesia unguiculata</i>	Yosemite ivesia	PDROS0X0N0	None	None	G3/S3.2	4.2	Yes
<i>Ivesia webberi</i>	Webber's ivesia	PDROS0X0Q0	Candidate	None	G2/S2.1	1B.1	Yes
<i>Jamesia americana</i> var. <i>rosea</i>	rosy-petaled cliffbush	PDHDR02019	None	None	G5T3/S3.3	4.3	No
<i>Jensia yosemitana</i>	Yosemite tarplant	PDAST650J0	None	None	G2G3/S2S3	3.2	No
<i>Jepsonia heterandra</i>	foothill jepsonia	PDSAX0J010	None	None	G3/S3.3	4.3	No
<i>Jepsonia malvifolia</i>	island jepsonia	PDSAX0J020	None	None	G3/S3.3	4.2	No
<i>Juglans californica</i>	southern California black walnut	PDJUG02020	None	None	G3/S3.2	4.2	No
<i>Juglans hindsii</i>	Northern California black walnut	PDJUG02040	None	None	G1/S1.1	1B.1	Yes
<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	PMJUN01051	None	None	G5T5/S3.2	4.2	No
<i>Juncus cooperi</i>	Cooper's rush	PMJUN010T0	None	None	G4/S3.3	4.3	No
<i>Juncus dudleyi</i>	Dudley's rush	PMJUN01390	None	None	G5/S2.3?	2.3	Yes
<i>Juncus duranii</i>	Duran's rush	PMJUN013T0	None	None	G3/S3.3	4.3	No
<i>Juncus hemiendytus</i> var. <i>abjectus</i>	Center Basin rush	PMJUN011F1	None	None	G5T4/S3.3	4.3	No
<i>Juncus leiospermus</i> var. <i>ahartii</i>	Ahart's dwarf rush	PMJUN011L1	None	None	G2T1/S1.2	1B.2	Yes
<i>Juncus leiospermus</i> var. <i>leiospermus</i>	Red Bluff dwarf rush	PMJUN011L2	None	None	G2T2/S2.2	1B.1	Yes
<i>Juncus nodosus</i>	knotted rush	PMJUN01210	None	None	G5/S2.3	2.3	Yes
<i>Juncus regelii</i>	Regel's rush	PMJUN012D0	None	None	G4?/S1.3?	2.3	Yes
<i>Juncus supiniformis</i>	hair-leaved rush	PMJUN012R0	None	None	G5/S2.2?	2.2	Yes
<i>Kobresia bellardii</i>	seep kobresia	PMCYP0F050	None	None	G5/S1.3	2.3	Yes
<i>Koeberlinia spinosa</i> ssp. <i>tenuispina</i>	slender-spined all-thorn	PDCPP05012	None	None	G4T4/S2.2	2.2	Yes
<i>Lasthenia burkei</i>	Burke's goldfields	PDAST5L010	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Lasthenia californica</i> ssp. <i>bakeri</i>	Baker's goldfields	PDAST5L0C4	None	None	G3TH/SH	1B.2	Yes
<i>Lasthenia californica</i> ssp. <i>macrantha</i>	perennial goldfields	PDAST5L0C5	None	None	G3T2/S2.2	1B.2	Yes
<i>Lasthenia conjugens</i>	Contra Costa goldfields	PDAST5L040	Endangered	None	G1/S1.1	1B.1	Yes
<i>Lasthenia ferrisiae</i>	Ferris' goldfields	PDAST5L070	None	None	G3/S3.2	4.2	No
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	PDAST5L0A1	None	None	G4T3/S2.1	1B.1	Yes
<i>Lasthenia leptalea</i>	Salinas Valley goldfields	PDAST5L0B0	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Lathyrus biflorus</i>	two-flowered pea	PDFAB25180	None	None	G1/S1.1	1B.1	Yes
<i>Lathyrus delnorticus</i>	Del Norte pea	PDFAB25070	None	None	G4/S3.3	4.3	No
<i>Lathyrus glandulosus</i>	sticky pea	PDFAB251A0	None	None	G3/S3.3	4.3	No
<i>Lathyrus hitchcockianus</i>	Bullfrog Mountain pea	PDFAB250A0	None	None	G2/S1.3	1B.3	Yes
<i>Lathyrus japonicus</i>	seaside pea	PDFAB250C0	None	None	G5/S1.1	2.1	Yes
<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	Delta tule pea	PDFAB250D2	None	None	G5T2/S2.2	1B.2	Yes
<i>Lathyrus palustris</i>	marsh pea	PDFAB250P0	None	None	G5/S2S3	2.2	Yes
<i>Lathyrus rigidus</i>	rigid pea	PDFAB250W0	None	None	G5/S1.2	2.2	Yes
<i>Lathyrus splendens</i>	pride-of-California	PDFAB250Z0	None	None	G3G4/S3.3	4.3	No
<i>Lathyrus sulphureus</i> var. <i>argillaceus</i>	dubious pea	PDFAB25101	None	None	G5T1T2/S1S2	3	No
<i>Lavatera assurgentiflora</i> ssp. <i>assurgentiflora</i>	island mallow	PDMAL0N021	None	None	G2T2/S2.1	1B.1	Yes
<i>Lavatera assurgentiflora</i> ssp. <i>glabra</i>	southern island mallow	PDMAL0N022	None	None	G2T2/S2.1	1B.1	Yes
<i>Layia carnosa</i>	beach layia	PDAST5N010	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Layia discoidea</i>	rayless layia	PDAST5N030	None	None	G2/S2.2	1B.1	Yes
<i>Layia heterotricha</i>	pale-yellow layia	PDAST5N070	None	None	G2G3/S2S3.1	1B.1	Yes
<i>Layia jonesii</i>	Jones' layia	PDAST5N090	None	None	G1/S1.1	1B.2	Yes
<i>Layia leucopappa</i>	Comanche Point layia	PDAST5N0A0	None	None	G1/S1.1	1B.1	Yes
<i>Layia munzii</i>	Munz's tidy-tips	PDAST5N0B0	None	None	G1/S1.1	1B.2	Yes
<i>Layia septentrionalis</i>	Colusa layia	PDAST5N0F0	None	None	G2/S2.2	1B.2	Yes
<i>Legenere limosa</i>	legenere	PDCAM0C010	None	None	G2/S2.2	1B.1	Yes
<i>Lepechinia cardiophylla</i>	heart-leaved pitcher sage	PDLAM0V020	None	None	G2/S2.2	1B.2	Yes
<i>Lepechinia fragrans</i>	fragrant pitcher sage	PDLAM0V030	None	None	G3/S3.2	4.2	No
<i>Lepechinia ganderi</i>	Gander's pitcher sage	PDLAM0V040	None	None	G2/S2.2	1B.3	Yes
<i>Lepechinia rossii</i>	Ross' pitcher sage	PDLAM0V060	None	None	G1/S1.2	1B.2	Yes
<i>Lepidium flavum</i> var. <i>felipense</i>	Borrego Valley pepper-grass	PDBRA1M0B1	None	None	G5T1/S1.2	1B.2	Yes
<i>Lepidium jaredii</i> ssp. <i>album</i>	Panoche pepper-grass	PDBRA1M0G2	None	None	G1T1/S1.2	1B.2	Yes
<i>Lepidium jaredii</i> ssp. <i>jaredii</i>	Jared's pepper-grass	PDBRA1M0G1	None	None	G1T1/S1.2	1B.2	Yes
<i>Lepidium latipes</i> var. <i>heckardii</i>	Heckard's pepper-grass	PDBRA1M0K1	None	None	G4T1/S1.2	1B.2	Yes
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	PDBRA1M114	None	None	G5T2?/S2.2	1B.2	Yes
<i>Leptodactylon californicum</i> ssp. <i>tomentosum</i>	fuzzy prickly-phlox	PDPLM08021	None	None	G5T3/S3.2	4.2	No
<i>Leptosiphon acicularis</i>	bristly leptosiphon	PDPLM09010	None	None	G3/S3.2	4.2	No
<i>Leptosiphon ambiguus</i>	serpentine leptosiphon	PDPLM09020	None	None	G3/S3.2	4.2	No
<i>Leptosiphon croceus</i>	coast yellow leptosiphon	PDPLM09170	None	None	G1/S1.1	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Leptosiphon floribundus</i> ssp. <i>halii</i>	Santa Rosa Mountains leptosiphon	PDPLM090J3	None	None	G4T1/S1.3	1B.3	Yes
<i>Leptosiphon grandiflorus</i>	large-flowered leptosiphon	PDPLM090K0	None	None	G3/S3.2	4.2	No
<i>Leptosiphon jepsonii</i>	Jepson's leptosiphon	PDPLM09140	None	None	G2/S2.2	1B.2	Yes
<i>Leptosiphon latisectus</i>	broad-lobed leptosiphon	PDPLM09150	None	None	G3/S3.3	4.3	No
<i>Leptosiphon nuttallii</i> ssp. <i>howellii</i>	Mt. Tedoc leptosiphon	PDPLM090V4	None	None	G5T1/S1.3	1B.3	Yes
<i>Leptosiphon oblongolatus</i>	Sierra Nevada leptosiphon	PDPLM090W0	None	None	G3/S3.3	4.3	No
<i>Leptosiphon pygmaeus</i> ssp. <i>pygmaeus</i>	pygmy leptosiphon	PDPLM09102	None	None	G4T1/S1.2	1B.2	Yes
<i>Leptosiphon rattanii</i>	Rattan's leptosiphon	PDPLM09110	None	None	G3/S3.3	4.3	No
<i>Leptosiphon rosaceus</i>	rose leptosiphon	PDPLM09180	None	None	G1/S1.1	1B.1	Yes
<i>Leptosiphon serrulatus</i>	Madera leptosiphon	PDPLM09130	None	None	G1?/S1?	1B.2	Yes
<i>Lesquerella kingii</i> ssp. <i>bernardina</i>	San Bernardino Mountains bladderpod	PDBRA1N0W1	Endangered	None	G5T1/S1.1	1B.1	Yes
<i>Lessingia arachnoidea</i>	Crystal Springs lessingia	PDAST5S0C0	None	None	G1/S1.2	1B.2	Yes
<i>Lessingia germanorum</i>	San Francisco lessingia	PDAST5S010	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Lessingia glandulifera</i> var. <i>tomentosa</i>	Warner Springs lessingia	PDAST5S022	None	None	G4?T2/S2.3	1B.3	Yes
<i>Lessingia hololeuca</i>	woolly-headed lessingia	PDAST5S030	None	None	G3/S3	3	No
<i>Lessingia micradenia</i> var. <i>glabrata</i>	smooth lessingia	PDAST5S062	None	None	G2T1/S1.2	1B.2	Yes
<i>Lessingia micradenia</i> var. <i>micradenia</i>	Tamalpais lessingia	PDAST5S063	None	None	G2T1/S1.1	1B.2	Yes
<i>Lessingia tenuis</i>	spring lessingia	PDAST5S0B0	None	None	G3/S3.3	4.3	No
<i>Lewisia brachycalyx</i>	short-sepaled lewisia	PDPOR04010	None	None	G4G5/S3.2	2.2	Yes
<i>Lewisia cantelovii</i>	Cantelow's lewisia	PDPOR04020	None	None	G3/S3.2	1B.2	Yes
<i>Lewisia congdonii</i>	Congdon's lewisia	PDPOR04040	None	Rare	G1/S1.3	1B.3	Yes
<i>Lewisia cotyledon</i> var. <i>heckneri</i>	Heckner's lewisia	PDPOR04052	None	None	G4T2/S2.2	1B.2	Yes
<i>Lewisia cotyledon</i> var. <i>howellii</i>	Howell's lewisia	PDPOR04053	None	None	G4T4Q/S3?	3.2	No
<i>Lewisia disepala</i>	Yosemite lewisia	PDPOR04060	None	None	G2/S2.2	1B.2	Yes
<i>Lewisia kelloggii</i> ssp. <i>hutchisonii</i>	Hutchison's lewisia	PDPOR04071	None	None	G4T2T3/S2S3.	3.3	No
<i>Lewisia longipetala</i>	long-petaled lewisia	PDPOR040K0	None	None	G2/S2.2	1B.3	Yes
<i>Lewisia oppositifolia</i>	opposite-leaved lewisia	PDPOR040B0	None	None	G4/S2.2	2.2	Yes
<i>Lewisia serrata</i>	saw-toothed lewisia	PDPOR040E0	None	None	G2/S2.2	1B.1	Yes
<i>Lewisia stebbinsii</i>	Stebbins' lewisia	PDPOR040G0	None	None	G1/S1.2	1B.2	Yes
<i>Leymus salinus</i> ssp. <i>mojavensis</i>	hillside wheat grass	PMPOA6P013	None	None	G5T3?/S1.3	2.3	Yes
<i>Lilaeopsis masonii</i>	Mason's lilaeopsis	PDAPI19030	None	Rare	G3/S3.1	1B.1	Yes
<i>Lilium bolanderi</i>	Bolander's lily	PMLIL1A010	None	None	G4/S3.2	4.2	No
<i>Lilium humboldtii</i> ssp. <i>humboldtii</i>	Humboldt lily	PMLIL1A071	None	None	G4T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	ocellated humboldt lily	PMLIL1A072	None	None	G4T3/S3.2	4.2	No
<i>Lilium kelloggii</i>	Kellogg's lily	PMLIL1A0A0	None	None	G3/S3.3	4.3	No
<i>Lilium maritimum</i>	coast lily	PMLIL1A0C0	None	None	G2/S2.1	1B.1	Yes
<i>Lilium occidentale</i>	western lily	PMLIL1A0G0	Endangered	Endangered	G1/S1.2	1B.1	Yes
<i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	Pitkin Marsh lily	PMLIL1A0H3	Endangered	Endangered	G5T1/S1.1	1B.1	Yes
<i>Lilium pardalinum</i> ssp. <i>vollmeri</i>	Vollmer's lily	PMLIL1A0H2	None	None	G5T4/S3.3	4.3	No
<i>Lilium pardalinum</i> ssp. <i>wigginsii</i>	Wiggins' lily	PMLIL1A0S0	None	None	G5T4?/S3.3	4.3	No
<i>Lilium parryi</i>	lemon lily	PMLIL1A0J0	None	None	G3/S2.1	1B.2	Yes
<i>Lilium rubescens</i>	redwood lily	PMLIL1A0N0	None	None	G3/S3.2	4.2	No
<i>Lilium washingtonianum</i> ssp. <i>purpurascens</i>	purple-flowered Washington lily	PMLIL1A0R2	None	None	G4T4/S3.3	4.3	No
<i>Limnanthes bakeri</i>	Baker's meadowfoam	PDLIM02020	None	Rare	G1/S1.1	1B.1	Yes
<i>Limnanthes douglasii</i> ssp. <i>sulphurea</i>	Point Reyes meadowfoam	PDLIM02038	None	Endangered	G4T1/S1.2	1B.2	Yes
<i>Limnanthes floccosa</i> ssp. <i>bellingeriana</i>	Bellinger's meadowfoam	PDLIM02041	None	None	G4T2/S1.1	1B.2	Yes
<i>Limnanthes floccosa</i> ssp. <i>californica</i>	Butte County meadowfoam	PDLIM02042	Endangered	Endangered	G4T1/S1.1	1B.1	Yes
<i>Limnanthes floccosa</i> ssp. <i>floccosa</i>	woolly meadowfoam	PDLIM02043	None	None	G4T4/S3.2	4.2	Yes
<i>Limnanthes gracilis</i> ssp. <i>parishii</i>	Parish's meadowfoam	PDLIM02052	None	Endangered	G3T2/S2.2	1B.2	Yes
<i>Limnanthes vinculans</i>	Sebastopol meadowfoam	PDLIM02090	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Limosella subulata</i>	Delta mudwort	PDSCR10050	None	None	G4?Q/S2.1	2.1	Yes
<i>Linanthus bellus</i>	desert beauty	PDPLM09070	None	None	G2G3/S2.3?	2.3	Yes
<i>Linanthus concinnus</i>	San Gabriel linanthus	PDPLM090D0	None	None	G2?/S2?	1B.2	Yes
<i>Linanthus jaegeri</i>	San Jacinto linanthus	PDPLM08030	None	None	G2/S2.2	1B.2	Yes
<i>Linanthus killipii</i>	Baldwin Lake linanthus	PDPLM090N0	None	None	G2/S2.1	1B.2	Yes
<i>Linanthus maculatus</i>	Little San Bernardino Mtns. linanthus	PDPLM041Y0	None	None	G1/S1.2	1B.2	Yes
<i>Linanthus orcuttii</i>	Orcutt's linanthus	PDPLM090X0	None	None	G4/S2.3	1B.3	Yes
<i>Linum puberulum</i>	plains flax	PDLIN020P0	None	None	G5/S1S2.3	2.3	Yes
<i>Listera cordata</i>	heart-leaved twayblade	PMORC1N060	None	None	G5/S3.2	4.2	No
<i>Lithophragma maximum</i>	San Clemente Island woodland star	PDSAX0M070	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Lithospermum incisum</i>	plains stoneseed	PDBOR0L070	None	None	G5/S1.3	2.3	Yes
<i>Loeflingia squarrosa</i> var. <i>artemisiarum</i>	sagebrush loeflingia	PDCAR0E011	None	None	G5T2T3/S2.2	2.2	Yes
<i>Lomatium congdonii</i>	Congdon's lomatium	PDADI1B0B0	None	None	G2/S2.2	1B.2	Yes
<i>Lomatium engelmannii</i>	Engelmann's lomatium	PDADI1B0K0	None	None	G3/S3.3	4.3	No
<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i>	Inyo lomatium	PDADI1B0M4	None	None	G5T3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Lomatium foeniculaceum</i> var. <i>macdougalii</i>	Macdougal's lomatium	PDAPI1B0M5	None	None	G5T4T5/S2.2	2.2	Yes
<i>Lomatium grayi</i>	Gray's lomatium	PDAPI1B0Q0	None	None	G5/S1.3	2.3	Yes
<i>Lomatium hendersonii</i>	Henderson's lomatium	PDAPI1B0T0	None	None	G5?/S2.3	2.3	Yes
<i>Lomatium hooveri</i>	Hoover's lomatium	PDAPI1B2K0	None	None	G3/S3.3	4.3	No
<i>Lomatium howellii</i>	Howell's lomatium	PDAPI1B0U0	None	None	G4G5/S3.3	4.3	No
<i>Lomatium insulare</i>	San Nicolas Island lomatium	PDAPI1B0W0	None	None	G2/S2.1	1B.2	Yes
<i>Lomatium martindalei</i>	Coast Range lomatium	PDAPI1B140	None	None	G5/S2.3	2.3	Yes
<i>Lomatium observatorium</i>	Mt. Hamilton lomatium	PDAPI1B2J0	None	None	G1/S1.2	1B.2	Yes
<i>Lomatium parvifolium</i>	small-leaved lomatium	PDAPI1B1F0	None	None	G3/S3.2?	4.2	No
<i>Lomatium peckianum</i>	Peck's lomatium	PDAPI1B1G0	None	None	G4/S1.2	2.2	Yes
<i>Lomatium ravenii</i>	Raven's lomatium	PDAPI1B1L0	None	None	G4/S3.3	2.3	Yes
<i>Lomatium repostum</i>	Napa lomatium	PDAPI1B1M0	None	None	G3/S3.3	4.3	No
<i>Lomatium rigidum</i>	stiff lomatium	PDAPI1B1N0	None	None	G3/S3.3	4.3	No
<i>Lomatium roseanum</i>	adobe lomatium	PDAPI1B2G0	None	None	G2G3/S1.2	1B.2	Yes
<i>Lomatium shveockii</i>	Owens Peak lomatium	PDAPI1B2C0	None	None	G1/S1.3	1B.3	Yes
<i>Lomatium stebbinsii</i>	Stebbins' lomatium	PDAPI1B1V0	None	None	G3/S3.1	1B.1	Yes
<i>Lomatium tracyi</i>	Tracy's lomatium	PDAPI1B1Y0	None	None	G3/S3.3	4.3	No
<i>Lonicera subspicata</i> var. <i>subspicata</i>	Santa Barbara honeysuckle	PDCPR030R3	None	None	G5T2/S2.2	1B.2	Yes
<i>Lotus argophyllus</i> var. <i>adsurgens</i>	San Clemente Island bird's-foot trefoil	PDFAB2A041	None	Endangered	G5T1/S1.1	1B.1	Yes
<i>Lotus argophyllus</i> var. <i>niveus</i>	Santa Cruz Island bird's-foot trefoil	PDFAB2A048	None	Endangered	G5T3/S3.2	4.2	Yes
<i>Lotus argyraeus</i> var. <i>multicaulis</i>	scrub lotus	PDFAB2A052	None	None	G4?T1/S1.3	1B.3	Yes
<i>Lotus argyraeus</i> var. <i>notitius</i>	Providence Mountains lotus	PDFAB2A053	None	None	G4?T1/S1.3	1B.3	Yes
<i>Lotus crassifolius</i> var. <i>otayensis</i>	Otay Mountain lotus	PDFAB2A092	None	None	G5T1/S1.1	1B.1	Yes
<i>Lotus dendroideus</i> var. <i>dendroideus</i>	island broom	PDFAB2A1G1	None	None	G4T3/S3.2	4.2	No
<i>Lotus dendroideus</i> var. <i>traskiae</i>	San Clemente Island lotus	PDFAB2A1G2	Endangered	Endangered	G4T2/S2.1	1B.1	Yes
<i>Lotus dendroideus</i> var. <i>veatchii</i>	San Miguel Island deerweed	PDFAB2A1G3	None	None	G4T3/S3.3	4.3	No
<i>Lotus formosissimus</i>	harlequin lotus	PDFAB2A0D0	None	None	G4/S3.2	4.2	No
<i>Lotus haydonii</i>	pygmy lotus	PDFAB2A0H0	None	None	G3/S2.3?	1B.3	Yes
<i>Lotus nuttallianus</i>	Nuttall's lotus	PDFAB2A0V0	None	None	G1/S1.1	1B.1	Yes
<i>Lotus oblongifolius</i> var. <i>cupreus</i>	copper-flowered bird's-foot trefoil	PDFAB2A0W1	None	None	G5T2/S2.3	1B.3	Yes
<i>Lotus rubriflorus</i>	red-flowered bird's-foot-trefoil	PDFAB2A150	None	None	G1/S1.1	1B.1	Yes
<i>Lotus yollabolliensis</i>	Yolla Bolly Mtns. bird's-foot trefoil	PDFAB2A1F0	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Lupinus albifrons</i> var. <i>abramsii</i>	Abrams' lupine	PDFAB2B010	None	None	G1Q/S1.2	3.2	No
<i>Lupinus antoninus</i>	Anthony Peak lupine	PDFAB2B0C0	None	None	G1/S1.3	1B.3	Yes
<i>Lupinus cervinus</i>	Santa Lucia lupine	PDFAB2B0X0	None	None	G3/S3.3	4.3	No
<i>Lupinus citrinus</i> var. <i>citrinus</i>	orange lupine	PDFAB2B103	None	None	G2T2/S2.2	1B.2	Yes
<i>Lupinus citrinus</i> var. <i>deflexus</i>	Mariposa lupine	PDFAB2B102	None	Threatened	G2T1/S1.2	1B.2	Yes
<i>Lupinus constancei</i>	The Lassics lupine	PDFAB2B490	None	None	G1/S1.2	1B.2	Yes
<i>Lupinus croceus</i> var. <i>pilosellus</i>	saffron-flowered lupine	PDFAB2B162	None	None	G3T3/S3.3	4.3	No
<i>Lupinus dalesiae</i>	Quincy lupine	PDFAB2B1A0	None	None	G3/S3.2	4.2	Yes
<i>Lupinus duranii</i>	Mono Lake lupine	PDFAB2B1E0	None	None	G2/S2.2	1B.2	Yes
<i>Lupinus elatus</i>	silky lupine	PDFAB2B1F0	None	None	G3/S3.3	4.3	No
<i>Lupinus elmeri</i>	South Fork Mtn. lupine	PDFAB2B1G0	None	None	G1/S1.2	1B.2	Yes
<i>Lupinus excubitus</i> var. <i>johnstonii</i>	interior bush lupine	PDFAB2B1J4	None	None	G4T3/S3.3	4.3	No
<i>Lupinus excubitus</i> var. <i>medius</i>	Mountain Springs bush lupine	PDFAB2B1J5	None	None	G4T2T3/S2.3	1B.3	Yes
<i>Lupinus eximius</i>	San Mateo tree lupine	PDFAB2B570	None	None	G2Q/S2.2	3.2	No
<i>Lupinus gracilentus</i>	slender lupine	PDFAB2B1R0	None	None	G2/S2.3?	1B.3	Yes
<i>Lupinus guadalupensis</i>	Guadalupe Island lupine	PDFAB2B1T0	None	None	G2/S2.2	1B.2	Yes
<i>Lupinus holmgrenianus</i>	Holmgren's lupine	PDFAB2B1Y0	None	None	G2G3/S2.3	2.3	Yes
<i>Lupinus lapidicola</i>	Heller's Mt. Eddy lupine	PDFAB2B280	None	None	G3/S3.3	4.3	No
<i>Lupinus latifolius</i> var. <i>barbatus</i>	bearded lupine	PDFAB2B29H	None	None	G5T1T2/S1.2	1B.2	Yes
<i>Lupinus lepidus</i> var. <i>culbertsonii</i>	Hockett Meadows lupine	PDFAB2B171	None	None	G3?T1/S1.3	1B.3	Yes
<i>Lupinus lepidus</i> var. <i>utahensis</i>	stemless lupine	PDFAB2B0V2	None	None	G5T5?/S3.3	4.3	No
<i>Lupinus ludovicianus</i>	San Luis Obispo County lupine	PDFAB2B2G0	None	None	G2/S2.2	1B.2	Yes
<i>Lupinus magnificus</i> var. <i>glarecola</i>	Coso Mountains lupine	PDFAB2B2K1	None	None	G3T3Q/S3.3	4.3	No
<i>Lupinus magnificus</i> var. <i>hesperius</i>	Mcgee Meadows lupine	PDFAB2B2K2	None	None	G3T2Q/S2.3	1B.3	Yes
<i>Lupinus magnificus</i> var. <i>magnificus</i>	Panamint Mountains lupine	PDFAB2B2K3	None	None	G3T1Q/S1.2	1B.2	Yes
<i>Lupinus milo-bakeri</i>	Milo Baker's lupine	PDFAB2B4E0	None	Threatened	G1Q/S1.1	1B.1	Yes
<i>Lupinus nevadensis</i>	Nevada lupine	PDFAB2B500	None	None	G3G4/S3.3	4.3	No
<i>Lupinus nipomensis</i>	Nipomo Mesa lupine	PDFAB2B550	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Lupinus padre-crowleyi</i>	Father Crowley's lupine	PDFAB2B2Z0	None	Rare	G1/S1.2	1B.2	Yes
<i>Lupinus peirsonii</i>	Peirson's lupine	PDFAB2B330	None	None	G2/S2.3	1B.3	Yes
<i>Lupinus pusillus</i> var. <i>intermontanus</i>	intermontane lupine	PDFAB2B3B1	None	None	G5T5?/S2.2	2.3	Yes
<i>Lupinus sericatus</i>	Cobb Mountain lupine	PDFAB2B3J0	None	None	G2/S2.2	1B.2	Yes
<i>Lupinus spectabilis</i>	shaggyhair lupine	PDFAB2B3P0	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Lupinus tidestromii</i>	Tidestrom's lupine	PDFAB2B3Y0	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Lupinus tracyi</i>	Tracy's lupine	PDFAB2B3Z0	None	None	G4/S3.3	4.3	No
<i>Lupinus uncialis</i>	lilliput lupine	PDFAB2B410	None	None	G4/S2.2	2.2	Yes
<i>Lycium brevipes</i> var. <i>hassei</i>	Santa Catalina Island desert-thorn	PDSOL0G0N0	None	None	G1Q/S1.1	1B.1	Yes
<i>Lycium californicum</i>	California box-thorn	PDSOL0G050	None	None	G4/S3.2	4.2	No
<i>Lycium parishii</i>	Parish's desert-thorn	PDSOL0G0D0	None	None	G3?/S2S3	2.3	Yes
<i>Lycium verrucosum</i>	San Nicolas Island desert-thorn	PDSOL0G0M0	None	None	GXQ/SX	1A	Yes
<i>Lycopodiella inundata</i>	inundated bog-clubmoss	PPLYC03060	None	None	G5/S1?	2.2	Yes
<i>Lycopodium clavatum</i>	running-pine	PPLYC01080	None	None	G5/S4.1	4.1	Yes
<i>Lycopus uniflorus</i>	northern bugleweed	PDLAM0X080	None	None	G5/S3.3	4.3	No
<i>Lyonothamnus floribundus</i> ssp. <i>aspleniiifolius</i>	Santa Cruz Island ironwood	PDROS12011	None	None	G2T2/S2.2	1B.2	Yes
<i>Lyonothamnus floribundus</i> ssp. <i>floribundus</i>	Santa Catalina Island ironwood	PDROS12012	None	None	G2T1/S1.2	1B.2	Yes
<i>Lyrocarpa coulteri</i> var. <i>palmeri</i>	Palmer's lyrepod	PDBRA1R012	None	None	G5T4/S3.3	4.3	No
<i>Madia radiata</i>	showy golden madia	PDAST650E0	None	None	G2/S2.1	1B.1	Yes
<i>Malacothamnus abbottii</i>	Abbott's bush-mallow	PDMAL0Q010	None	None	G1/S1.1	1B.1	Yes
<i>Malacothamnus aboriginum</i>	Indian Valley bush-mallow	PDMAL0Q020	None	None	G3/S3.2	1B.2	Yes
<i>Malacothamnus arcuatus</i>	arcuate bush-mallow	PDMAL0Q0E0	None	None	G2Q/S2.2	1B.2	Yes
<i>Malacothamnus clementinus</i>	San Clemente Island bush-mallow	PDMAL0Q030	Endangered	Endangered	G1G3/S1S3.2	1B.1	Yes
<i>Malacothamnus davidsonii</i>	Davidson's bush-mallow	PDMAL0Q040	None	None	G1/S1.1	1B.2	Yes
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i>	Santa Cruz Island bush-mallow	PDMAL0Q061	Endangered	Endangered	G4T1Q/S1.1	1B.1	Yes
<i>Malacothamnus gracilis</i>	slender bush-mallow	PDMAL0Q0J0	None	None	G3Q/S3.3	4.3	No
<i>Malacothamnus hallii</i>	Hall's bush-mallow	PDMAL0Q0F0	None	None	G1Q/S1.2	1B.2	Yes
<i>Malacothamnus helleri</i>	Heller's bush-mallow	PDMAL0Q0G0	None	None	G3Q/S3.3	4.3	No
<i>Malacothamnus jonesii</i>	Jones' bush-mallow	PDMAL0Q090	None	None	G3/S3.3	4.3	No
<i>Malacothamnus mendocinensis</i>	Mendocino bush-mallow	PDMAL0Q0D0	None	None	GXQ/SX	1A	Yes
<i>Malacothamnus niveus</i>	San Luis Obispo County bush-mallow	PDMAL0Q0H0	None	None	G3Q/S3.3	4.3	No
<i>Malacothamnus palmeri</i> var. <i>involutocratus</i>	Carmel Valley bush-mallow	PDMAL0Q0B1	None	None	G3T2Q/S2.2	1B.2	Yes
<i>Malacothamnus palmeri</i> var. <i>lucianus</i>	Arroyo Seco bush-mallow	PDMAL0Q0B2	None	None	G3T1Q/S1.2	1B.2	Yes
<i>Malacothamnus palmeri</i> var. <i>palmeri</i>	Santa Lucia bush-mallow	PDMAL0Q0B5	None	None	G3T2Q/S2.2	1B.2	Yes
<i>Malacothamnus parishii</i>	Parish's bush-mallow	PDMAL0Q0C0	None	None	GHQ/SH	1A	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Malacothrix foliosa</i> ssp. <i>crispifolia</i>	wavy-leaved malacothrix	PDAST66066	None	None	G4T1/S1.2	1B.2	Yes
<i>Malacothrix foliosa</i> ssp. <i>foliosa</i>	leafy malacothrix	PDAST66064	None	None	G4T3/S3.2	4.2	No
<i>Malacothrix foliosa</i> ssp. <i>philbrickii</i>	Philbrick's malacothrix	PDAST66065	None	None	G4T2/S2.2	1B.2	Yes
<i>Malacothrix foliosa</i> ssp. <i>polycephala</i>	many-headed malacothrix	PDAST66067	None	None	G4T3/S3.2	4.2	No
<i>Malacothrix incana</i>	dunedelion	PDAST66070	None	None	G3/S3.3	4.3	No
<i>Malacothrix indecora</i>	Santa Cruz Island malacothrix	PDAST66070	Endangered	None	G1/S1.1	1B.1	Yes
<i>Malacothrix junakii</i>	Junak's malacothrix	PDAST660Q0	None	None	G1/S1.1	1B.1	Yes
<i>Malacothrix phaeocarpa</i>	dusky-fruited malacothrix	PDAST66090	None	None	G3/S3.3	4.3	No
<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i>	Carmel Valley malacothrix	PDAST660C2	None	None	G5T2/S2.2	1B.2	Yes
<i>Malacothrix saxatilis</i> var. <i>saxatilis</i>	cliff malacothrix	PDAST660C5	None	None	G5T3/S3.2	4.2	No
<i>Malacothrix similis</i>	Mexican malacothrix	PDAST660D0	None	None	G2G3/SH	1A	Yes
<i>Malacothrix squalida</i>	island malacothrix	PDAST660K0	Endangered	None	G1/S1.2	1B.1	Yes
<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>	white bog adder's-mouth	PMORC1R010	None	None	G4?T4/S1.1	2.1	Yes
<i>Malperia tenuis</i>	brown turbans	PDAST67010	None	None	G4?/S1.3	2.3	Yes
<i>Marina orcuttii</i> var. <i>orcuttii</i>	California marina	PDFAB2F031	None	None	G2G3T1T2/S1.3	1B.3	Yes
<i>Matelea parvifolia</i>	spearleaf	PDASC0A0J0	None	None	G5?/S2.2	2.3	Yes
<i>Maurandya antirrhiniflora</i> ssp. <i>antirrhiniflora</i>	violet twining snapdragon	PDSCR2M011	None	None	G4G5T3?/S1.3	2.3	Yes
<i>Maurandya petrophila</i>	rock lady	PDSCR2J010	None	Rare	G1/S1.3	1B.2	Yes
<i>Meconella oregana</i>	Oregon meconella	PDPAPOG030	None	None	G2G3/S1.1	1B.1	Yes
<i>Melica spectabilis</i>	purple onion grass	PMPOA3X0G0	None	None	G5/S3.3	4.3	No
<i>Menodora scabra</i>	rough menodora	PDOLE09040	None	None	G5/S2.3	2.3	Yes
<i>Mentzelia eremophila</i>	solitary blazing star	PDLOA030G0	None	None	G3/S3.2	4.2	No
<i>Mentzelia hirsutissima</i>	hairy stickleaf	PDLOA030K0	None	None	G3?/S2S3	2.3	Yes
<i>Mentzelia inyoensis</i>	Inyo blazing star	PDLOA032Z0	None	None	G2/S2.3	1B.3	Yes
<i>Mentzelia polita</i>	polished blazing star	PDLOA031D0	None	None	G2/S1.2	1B.2	Yes
<i>Mentzelia pterosperma</i>	wing-seed blazing star	PDLOA031E0	None	None	G4/S1.2	2.2	Yes
<i>Mentzelia torreyi</i>	Torrey's blazing star	PDLOA031S0	None	None	G4/S2.2	2.2	Yes
<i>Mentzelia tridentata</i>	creamy blazing star	PDLOA031U0	None	None	G2/S2.3	1B.3	Yes
<i>Mertensia bella</i>	Oregon lungwort	PDBOR0N040	None	None	G4/S2S3	2.2	Yes
<i>Mertensia cusickii</i>	Toiyabe bluebells	PDBOR0N0M0	None	None	G4?/S2.2?	2.2	Yes
<i>Mertensia longiflora</i>	long bluebells	PDBOR0N0D0	None	None	G4G5/S1.2	2.2	Yes
<i>Mertensia oblongifolia</i> var. <i>amoena</i>	beautiful sagebrush bluebells	PDBOR0N0G1	None	None	G5T5/S2.2	2.2	Yes
<i>Mertensia oblongifolia</i> var. <i>oblongifolia</i>	sagebrush bluebells	PDBOR0N0G2	None	None	G5T2/S2.2?	2.2	Yes
<i>Micromonolepis pusilla</i>	dwarf monolepis	PDCHE0F020	None	None	G5/S2.3	2.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Micropus amphibolus</i>	Mt. Diablo cottonweed	PDAST6D030	None	None	G3/S3.2?	3.2	No
<i>Microseris borealis</i>	northern microseris	PDAST6E030	None	None	G4?/S1.1	2.1	Yes
<i>Microseris douglasii</i> ssp. <i>platycarpa</i>	small-flowered microseris	PDAST6E062	None	None	G4T3/S3.2	4.2	No
<i>Microseris laciniata</i> ssp. <i>detlingii</i>	Detling's silverpuffs	PDAST6E0A1	None	None	G4T3/S1.2	2.2	Yes
<i>Microseris paludosa</i>	marsh microseris	PDAST6E0D0	None	None	G2/S2.2	1B.2	Yes
<i>Microseris sylvatica</i>	sylvan microseris	PDAST6E0E0	None	None	G3/S3.2	4.2	No
<i>Mimulus acutidens</i>	Kings River monkeyflower	PDSCR1B010	None	None	G2?Q/S2?	3	No
<i>Mimulus aridus</i>	low bush monkeyflower	PDSCR22040	None	None	G3G4/S3.3	4.3	No
<i>Mimulus brandegeei</i>	Santa Cruz Island monkeyflower	PDSCR1B0K0	None	None	GXQ/SX	1A	Yes
<i>Mimulus clevelandii</i>	Cleveland's bush monkeyflower	PDSCR22010	None	None	G3G4/S3.2	4.2	No
<i>Mimulus cusickii</i>	Cusick's monkeyflower	PDSCR1B0V0	None	None	G4G5/S1.3	2.3	Yes
<i>Mimulus diffusus</i>	Palomar monkeyflower	PDSCR1B0Z0	None	None	G4Q/S3.3	4.3	No
<i>Mimulus evanescens</i>	ephemeral monkeyflower	PDSCR1B370	None	None	G2/S1.2	1B.2	Yes
<i>Mimulus exiguis</i>	San Bernardino Mountains monkeyflower	PDSCR1B140	None	None	G2/S2.2	1B.2	Yes
<i>Mimulus filicaulis</i>	slender-stemmed monkeyflower	PDSCR1B150	None	None	G2/S2.2	1B.2	Yes
<i>Mimulus flemingii</i>	island bush monkeyflower	PDSCR1B320	None	None	G3Q/S3.3	4.3	No
<i>Mimulus fremontii</i> var. <i>vandenbergensis</i>	Vandenberg monkeyflower	PDSCR1B381	None	None	G3G5T1/S1.1	1B.1	Yes
<i>Mimulus glabratus</i> ssp. <i>utahensis</i>	Utah monkeyflower	PDSCR1B1A6	None	None	G5T5?/S1.1	2.1	Yes
<i>Mimulus glaucescens</i>	shield-bracted monkeyflower	PDSCR1B1B0	None	None	G3/S3.3	4.3	No
<i>Mimulus gracilipes</i>	slender-stalked monkeyflower	PDSCR1B1C0	None	None	G3/S3.2	1B.2	Yes
<i>Mimulus grayi</i>	Gray's monkeyflower	PDSCR1B1D0	None	None	G3/S3.3	4.3	No
<i>Mimulus inconspicuus</i>	small-flowered monkeyflower	PDSCR1B1F0	None	None	G3/S3.3	4.3	No
<i>Mimulus johnstonii</i>	Johnston's monkeyflower	PDSCR1B1H0	None	None	G3/S3.3	4.3	No
<i>Mimulus laciniatus</i>	cut-leaved monkeyflower	PDSCR1B1L0	None	None	G3/S3.3	4.3	No
<i>Mimulus microphyllus</i>	small-leaved monkeyflower	PDSCR1B300	None	None	G3Q/S3.3	4.3	No
<i>Mimulus mohavensis</i>	Mojave monkeyflower	PDSCR1B1V0	None	None	G2/S2.2	1B.2	Yes
<i>Mimulus norrisii</i>	Kaweah monkeyflower	PDSCR1B2Y0	None	None	G2/S2.3	1B.3	Yes
<i>Mimulus nudatus</i>	bare monkeyflower	PDSCR1B200	None	None	G3/S3.3	4.3	No
<i>Mimulus parryi</i>	Parry's monkeyflower	PDSCR1B230	None	None	G3G4/S2.3	2.3	Yes
<i>Mimulus pictus</i>	calico monkeyflower	PDSCR1B240	None	None	G2/S2.2	1B.2	Yes
<i>Mimulus pulchellus</i>	yellow-lip pansy monkeyflower	PDSCR1B280	None	None	G2G3/S2S3.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Mimulus purpureus</i>	little purple monkeyflower	PDSCR1B2B0	None	None	G2/S2.2	1B.2	Yes
<i>Mimulus pygmaeus</i>	Egg Lake monkeyflower	PDSCR1B2C0	None	None	G4/S3.2	4.2	Yes
<i>Mimulus rattanii</i> ssp. <i>decurtatus</i>	Santa Cruz County monkeyflower	PDSCR1B2D2	None	None	G4T3/S3.2	4.2	No
<i>Mimulus rupicola</i>	Death Valley monkeyflower	PDSCR1B2H0	None	None	G3/S3.3	4.3	No
<i>Mimulus shevockii</i>	Kelso Creek monkeyflower	PDSCR1B2Z0	None	None	G1/S1.2	1B.2	Yes
<i>Mimulus subsecundus</i>	one-sided monkeyflower	PDSCR1B2K0	None	None	G3/S3.3	4.3	No
<i>Mimulus traskiae</i>	Santa Catalina Island monkeyflower	PDSCR1B2P0	None	None	GX/SX	1A	Yes
<i>Mimulus whipplei</i>	Whipple's monkeyflower	PDSCR1B2U0	None	None	GXQ/SX	1A	Yes
<i>Minuartia decumbens</i>	The lassics sandwort	PDCAR0G0Y0	None	None	G1/S1.2	1B.2	Yes
<i>Minuartia howellii</i>	Howell's sandwort	PDCAR0G0F0	None	None	G4/S3.2	1B.3	Yes
<i>Minuartia obtusiloba</i>	alpine sandwort	PDCAR0G0N0	None	None	G5/S3.3	4.3	No
<i>Minuartia rosei</i>	peanut sandwort	PDCAR0G0R0	None	None	G3/S3.2	4.2	No
<i>Minuartia stolonifera</i>	Scott Mountain sandwort	PDCAR0G110	None	None	G1/S1.3	1B.3	Yes
<i>Mirabilis coccinea</i>	red four o'clock	PDNYC0A090	None	None	G5/S2.3	2.3	Yes
<i>Mirabilis greenei</i>	Greene's four o'clock	PDNYC0A0N0	None	None	G3/S3.2	4.2	No
<i>Mirabilis tenuiloba</i>	slender-lobed four o'clock	PDNYC0A150	None	None	G4/S3.3	4.3	No
<i>Mitella caulescens</i>	leafy-stemmed mitrewort	PDSAX0N020	None	None	G5/S4.2	4.2	Yes
<i>Monarda pectinata</i>	plains bee balm	PDLAM170A0	None	None	G5/S1.3	2.3	Yes
<i>Monardella antonina</i> ssp. <i>antonina</i>	San Antonio Hills monardella	PDLAM18011	None	None	G4T3Q/S3?	3	No
<i>Monardella antonina</i> ssp. <i>benitensis</i>	San Benito monardella	PDLAM18012	None	None	G4T3/S3.3	4.3	No
<i>Monardella beneolens</i>	sweet-smelling monardella	PDLAM180U0	None	None	G1/S1.3	1B.3	Yes
<i>Monardella candicans</i>	Sierra monardella	PDLAM18050	None	None	G3/S3.3	4.3	No
<i>Monardella cinerea</i>	gray monardella	PDLAM18060	None	None	G3/S3.3	4.3	No
<i>Monardella crispa</i>	crisp monardella	PDLAM18070	None	None	G2/S2.2	1B.2	Yes
<i>Monardella douglasii</i> ssp. <i>venosa</i>	veiny monardella	PDLAM18082	None	None	G5T1/S1.1	1B.1	Yes
<i>Monardella follettii</i>	Follett's monardella	PDLAM180W0	None	None	G1/S1.2	1B.2	Yes
<i>Monardella frutescens</i>	San Luis Obispo monardella	PDLAM180X0	None	None	G2/S2.2	1B.2	Yes
<i>Monardella hypoleuca</i> ssp. <i>ilanata</i>	felt-leaved monardella	PDLAM180A2	None	None	G4T2/S2.2	1B.2	Yes
<i>Monardella leucocephala</i>	Merced monardella	PDLAM180C0	None	None	GH/SH	1A	Yes
<i>Monardella linoides</i> ssp. <i>oblonga</i>	Tehachapi monardella	PDLAM180D2	None	None	G5T2/S2.2	1B.3	Yes
<i>Monardella macrantha</i> ssp. <i>hallii</i>	Hall's monardella	PDLAM180E1	None	None	G5T3/S3.3	1B.3	Yes
<i>Monardella nana</i> ssp. <i>leptosiphon</i>	San Felipe monardella	PDLAM180F2	None	None	G4G5T2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Monardella palmeri</i>	Palmer's monardella	PDLAM180H0	None	None	G2/S2.2	1B.2	Yes
<i>Monardella pringlei</i>	Pringle's monardella	PDLAM180J0	None	None	GX/SX	1A	Yes
<i>Monardella robisonii</i>	Robison's monardella	PDLAM180K0	None	None	G2/S2.3	1B.3	Yes
<i>Monardella stebbinsii</i>	Stebbins' monardella	PDLAM180L0	None	None	G1/S1.2	1B.2	Yes
<i>Monardella stoneana</i>	Jennifer's monardella	PDLAM180Y0	None	None	G1/S1.2	1B.2	Yes
<i>Monardella undulata</i>	curly-leaved monardella	PDLAM180N0	None	None	G3/S3.2	4.2	No
<i>Monardella villosa</i> ssp. <i>globosa</i>	robust monardella	PDLAM180P7	None	None	G5T2/S2.2	1B.2	Yes
<i>Monardella viminea</i>	willowy monardella	PDLAM180D4	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Monardella viridis</i> ssp. <i>saxicola</i>	rock monardella	PDLAM180Q1	None	None	G3T3/S3.2	4.2	No
<i>Monardella viridis</i> ssp. <i>viridis</i>	green monardella	PDLAM180Q2	None	None	G3T3/S3.3	4.3	No
<i>Moneses uniflora</i>	woodnymph	PDPYR02010	None	None	G5/S3.3	4.3	No
<i>Monolopia congdonii</i>	San Joaquin woollythreads	PDASTA8010	Endangered	None	G3/S3.2	1B.2	Yes
<i>Monotropa uniflora</i>	ghost-pipe	PDMON03030	None	None	G5/S2S3	2.2	Yes
<i>Montia howellii</i>	Howell's montia	PDPOR05070	None	None	G3G4/S3.2	2.2	Yes
<i>Mortonia utahensis</i>	Utah mortonia	PDCEL09030	None	None	G4G5/S3.3	4.3	No
<i>Mucronea californica</i>	California spineflower	PDPGN0F010	None	None	G3/S3.2?	4.2	No
<i>Muhlenbergia alopecuroides</i>	wolftail	PMPOA3W020	None	None	G5T4?Q/S1?	2.2	Yes
<i>Muhlenbergia appressa</i>	appressed muhly	PMPOA48020	None	None	G4/S3?	2.2	Yes
<i>Muhlenbergia arsenaei</i>	tough muhly	PMPOA48060	None	None	G5/S1S2	2.3	Yes
<i>Muhlenbergia californica</i>	California muhly	PMPOA480A0	None	None	G3/S3.3	4.3	Yes
<i>Muhlenbergia fragilis</i>	delicate muhly	PMPOA480Q0	None	None	G5?/S1.3?	2.3	Yes
<i>Muhlenbergia jonesii</i>	Jones' muhly	PMPOA480X0	None	None	G3/S3.3	4.3	No
<i>Muhlenbergia pauciflora</i>	few-flowered muhly	PMPOA48170	None	None	G5/S1.3?	2.3	Yes
<i>Muilla coronata</i>	crowned muilla	PMLIL1H020	None	None	G3/S3.2?	4.2	No
<i>Munroa squarrosa</i>	false buffalo-grass	PMPOA49010	None	None	G5/S1S2	2.2	Yes
<i>Munzothamnus blairii</i>	Blair's munzothamnus	PDAST8U0K0	None	None	G2/S2.2	1B.2	Yes
<i>Myosurus minimus</i> ssp. <i>apus</i>	little mousetail	PDRAN0H031	None	None	G5T2Q/S2.2	3.1	Yes
<i>Nama dichotomum</i> var. <i>dichotomum</i>	forked purple mat	PDHYD0A061	None	None	G4T4?/S1.3?	2.3	Yes
<i>Nama stenocarpum</i>	mud nama	PDHYD0A0H0	None	None	G4G5/S1S2	2.2	Yes
<i>Nasturtium gambellii</i>	Gambel's water cress	PDBRA270V0	Endangered	Threatened	G1/S1.1	1B.1	Yes
<i>Navarretia cotulifolia</i>	cotula navarretia	PDPLM0C040	None	None	G3/S3.2	4.2	No
<i>Navarretia eriocephala</i>	hoary navarretia	PDPLM0C060	None	None	G3/S3.3	4.3	No
<i>Navarretia fossalis</i>	Moran's navarretia	PDPLM0C080	Threatened	None	G2/S2.1	1B.1	Yes
<i>Navarretia gowenii</i>	Lime Ridge navarretia	PDPLM0C120	None	None	G1/S1	1B.1	Yes
<i>Navarretia heterandra</i>	Tehama navarretia	PDPLM0C0A0	None	None	G3/S3.3	4.3	No
<i>Navarretia jaredii</i>	Paso Robles navarretia	PDPLM0C0Y0	None	None	G3/S3.3	4.3	No
<i>Navarretia jepsonii</i>	Jepson's navarretia	PDPLM0C0D0	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	PDPLM0C0E1	None	None	G4T2/S2.1	1B.1	Yes
<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i>	few-flowered navarretia	PDPLM0C0E4	Endangered	Threatened	G4T1/S1.1	1B.1	Yes
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	many-flowered navarretia	PDPLM0C0E5	Endangered	Endangered	G4T1/S1.2	1B.2	Yes
<i>Navarretia myersii</i> ssp. <i>deminuta</i>	small pincushion navarretia	PDPLM0C0X2	None	None	G1T1/S1.1	1B.1	Yes
<i>Navarretia myersii</i> ssp. <i>myersii</i>	pincushion navarretia	PDPLM0C0X1	None	None	G1T1/S1.1	1B.1	Yes
<i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	adobe navarretia	PDPLM0C0J1	None	None	G4T3/S3.2	4.2	No
<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	shining navarretia	PDPLM0C0J2	None	None	G4T2T3/S2S3.2	1B.2	Yes
<i>Navarretia ojaiensis</i>	Ojai navarretia	PDPLM0C130	None	None	G1/S1	1B.1	Yes
<i>Navarretia peninsularis</i>	Baja navarretia	PDPLM0C0L0	None	None	G3?/S2.2	1B.2	Yes
<i>Navarretia prolifera</i> ssp. <i>lutea</i>	yellow bur navarretia	PDPLM0C0N1	None	None	G4T3/S3.3	4.3	No
<i>Navarretia prostrata</i>	prostrate vernal pool navarretia	PDPLM0C0Q0	None	None	G2?/S2.1?	1B.1	Yes
<i>Navarretia rosulata</i>	Marin County navarretia	PDPLM0C0Z0	None	None	G2?/S2?	1B.2	Yes
<i>Navarretia setiloba</i>	Piute Mountains navarretia	PDPLM0C0S0	None	None	G1/S1.1	1B.1	Yes
<i>Navarretia sinistra</i> ssp. <i>pinnatisecta</i>	pinnate-leaved navarretia	PDPLM04211	None	None	G4G5T3/S3.3	4.3	No
<i>Navarretia subuligera</i>	awl-leaved navarretia	PDPLM0C0U0	None	None	G4/S3.3	4.3	No
<i>Nemacaulis denudata</i> var. <i>denudata</i>	coast woolly-heads	PDPGN0G011	None	None	G3G4T3?/S2.2	1B.2	Yes
<i>Nemacaulis denudata</i> var. <i>gracilis</i>	slender cottonheads	PDPGN0G012	None	None	G3G4T3?/S2S3	2.2	Yes
<i>Nemacladus gracilis</i>	slender nemacladus	PDCAM0F030	None	None	G3/S3.3	4.3	No
<i>Nemacladus twisselmannii</i>	Twisselmann's nemacladus	PDCAM0F0D0	None	Rare	G1/S1.2	1B.2	Yes
<i>Nemophila breviflora</i>	Great Basin nemophila	PDHYD0B020	None	None	G5/S2.3	2.3	Yes
<i>Nemophila parviflora</i> var. <i>quercifolia</i>	oak-leaved nemophila	PDHYD0B073	None	None	G5T3/S3.3	4.3	No
<i>Neostapfia colusana</i>	Colusa grass	PMPOA4C010	Threatened	Endangered	G3/S3.1	1B.1	Yes
<i>Neviusia cliftonii</i>	Shasta snow-wreath	PDROS14020	None	None	G2/S2.2	1B.2	Yes
<i>Nitrophila mohavensis</i>	Amargosa nitrophila	PDCHE0G010	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Nolina cismontana</i>	Peninsular nolina	PMAGA080E0	None	None	G1/S1.1	1B.2	Yes
<i>Nolina interrata</i>	Dehesa nolina	PMAGA08070	None	Endangered	G1/S1.2	1B.1	Yes
<i>Oenothera caespitosa</i> ssp. <i>crinita</i>	caespitose evening-primrose	PDONA0C063	None	None	G5T4T5/S3.3	4.2	No
<i>Oenothera californica</i> ssp. <i>eurekensis</i>	Eureka Dunes evening-primrose	PDONA0C071	Endangered	Rare	G4?T1/S1.2	1B.2	Yes
<i>Oenothera cavernae</i>	cave evening-primrose	PDONA0C090	None	None	G2G3/S1	2.1	Yes
<i>Oenothera deltoides</i> ssp. <i>howellii</i>	Antioch Dunes evening-primrose	PDONA0C0B4	Endangered	Endangered	G5T1/S1.1	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Oenothera longissima</i>	long-stem evening-primrose	PDONA0C0T0	None	None	G4/S1.2	2.2	Yes
<i>Oenothera wolfii</i>	Wolf's evening-primrose	PDONA0C1K0	None	None	G1/S1.1	1B.1	Yes
<i>Ophioglossum californicum</i>	California adder's-tongue	PPOPH020G0	None	None	G4/S3.2	4.2	No
<i>Ophioglossum pusillum</i>	northern adder's-tongue	PPOPH020F0	None	None	G5/S1.2	2.2	Yes
<i>Opuntia basilaris</i> var. <i>brachyclada</i>	short-joint beavertail	PDCAC0D053	None	None	G5T1/S1.2	1B.2	Yes
<i>Opuntia basilaris</i> var. <i>treleasei</i>	Bakersfield cactus	PDCAC0D055	Endangered	Endangered	G5T2/S2.1	1B.1	Yes
<i>Opuntia californica</i> var. <i>californica</i>	snake cholla	PDCAC0D2Y1	None	None	G3T2/S1.1	1B.1	Yes
<i>Opuntia curvispina</i>	curved-spine beavertail	PDCAC0D270	None	None	G3G4/S1.2	2.2	Yes
<i>Opuntia fragilis</i>	brittle prickly-pear	PDCAC0D0H0	None	None	G4G5/SH	2.1	Yes
<i>Opuntia munzii</i>	Munz's cholla	PDCAC0D0V0	None	None	G1/S1.2	1B.3	Yes
<i>Opuntia pulchella</i>	beautiful cholla	PDCAC0D120	None	None	G4/S2S3	2.2	Yes
<i>Opuntia wigginsii</i>	Wiggins' cholla	PDCAC0D1P0	None	None	G3?Q/S1.2?	3.3	Yes
<i>Opuntia wolfii</i>	Wolf's cholla	PDCAC0D2R0	None	None	G4?/S3.3	4.3	No
<i>Orcuttia californica</i>	California Orcutt grass	PMPOA4G010	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Orcuttia inaequalis</i>	San Joaquin Valley orcutt grass	PMPOA4G060	Threatened	Endangered	G2/S2.1	1B.1	Yes
<i>Orcuttia pilosa</i>	hairy orcutt grass	PMPOA4G040	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Orcuttia tenuis</i>	slender orcutt grass	PMPOA4G050	Threatened	Endangered	G3/S3.1	1B.1	Yes
<i>Orcuttia viscosa</i>	Sacramento orcutt grass	PMPOA4G070	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Oreonana purpurascens</i>	purple mountain-parsley	PDAPI1G020	None	None	G3/S3.2	1B.2	Yes
<i>Oreonana vestita</i>	woolly mountain-parsley	PDAPI1G030	None	None	G3/S3.3	1B.3	Yes
<i>Oreostemma elatum</i>	tall alpine-aster	PDASTEA020	None	None	G2Q/S2.2	1B.2	Yes
<i>Ornithostaphylos oppositifolia</i>	Baja California birdbush	PDERI0W010	None	Endangered	G4/S1.1	2.1	Yes
<i>Orobanche ludoviciana</i> var. <i>arenosa</i>	Suksdorf's broom-rape	PDORO04071	None	None	G5T5/S1.3	2.3	Yes
<i>Orobanche parishii</i> ssp. <i>brachyloba</i>	short-lobed broomrape	PDORO040A2	None	None	G4?T3/S3.2	4.2	Yes
<i>Orobanche valida</i> ssp. <i>howellii</i>	Howell's broomrape	PDORO040G1	None	None	G3T3/S3.3	4.3	No
<i>Orobanche valida</i> ssp. <i>valida</i>	Rock Creek broomrape	PDORO040G2	None	None	G3T1/S1.2	1B.2	Yes
<i>Orthocarpus cuspidatus</i> ssp. <i>cuspidatus</i>	Siskiyou Mountains orthocarpus	PDSCR1H081	None	None	G5T3T4/S3.3	4.3	No
<i>Orthocarpus pachystachyus</i>	Shasta orthocarpus	PDSCR1H0L0	None	None	G1/S1.1	1B.1	Yes
<i>Oryctes nevadensis</i>	Nevada oryctes	PDSOL0Q010	None	None	G2G3/S1.1	2.1	Yes
<i>Oryzopsis exigua</i>	little ricegrass	PMPOA4J040	None	None	G5/S1.3	2.3	Yes
<i>Osmorrhiza depauperata</i>	blunt-fruited sweet-cicely	PDAPI1K050	None	None	G5/S1.3	2.3	Yes
<i>Oxalis suksdorffii</i>	Suksdorf's wood-sorrel	PDOXA01U0	None	None	G4/S3.3	4.3	No
<i>Oxytheca watsonii</i>	Watson's oxytheca	PDPGN0J070	None	None	G3?/S1.2	2.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Oxytropis deflexa</i> var. <i>sericea</i>	blue pendent-pod oxytropis	PDFAB2X053	None	None	G5T5/S1.1	2.1	Yes
<i>Oxytropis oreophila</i> var. <i>oreophila</i>	rock-loving oxytropis	PDFAB2X0H3	None	None	G5T4/S2.3	2.3	Yes
<i>Oxytropis parryi</i>	Parry's oxytropis	PDFAB2X0J0	None	None	G5/S3.3	4.3	No
<i>Packera bernardina</i>	San Bernardino ragwort	PDAST8H0E0	None	None	G2/S2.2	1B.2	Yes
<i>Packera bolanderi</i> var. <i>bolanderi</i>	seacoast ragwort	PDAST8H0H1	None	None	G4T4/S1.2	2.2	Yes
<i>Packera eurycephala</i> var. <i>lewisrosei</i>	Lewis Rose's ragwort	PDAST8H182	None	None	G4T2/S2.2	1B.2	Yes
<i>Packera ganderi</i>	Gander's ragwort	PDAST8H1F0	None	Rare	G2/S2.2	1B.2	Yes
<i>Packera hesperia</i>	western ragwort	PDAST8H1L0	None	None	G3/S1.2	2.2	Yes
<i>Packera indecora</i>	rayless mountain ragwort	PDAST8H1R0	None	None	G5/S1.2	2.2	Yes
<i>Packera ionophylla</i>	Tehachapi ragwort	PDAST8H1T0	None	None	G3/S3.3	4.3	No
<i>Packera layneae</i>	Layne's ragwort	PDAST8H1V0	Threatened	Rare	G2/S2.1	1B.2	Yes
<i>Packera macounii</i>	Siskiyou Mountains ragwort	PDAST8H1Z0	None	None	G5/S3.3	4.3	No
<i>Palafoxia arida</i> var. <i>gigantea</i>	giant spanish-needle	PDAST6T012	None	None	G5T3/S1.2	1B.3	Yes
<i>Parkinsonia microphylla</i>	little-leaved palo verde	PDFAB2Z030	None	None	G5/S3.3	4.3	No
<i>Parnassia cirrata</i> var. <i>cirrata</i>	San Bernardino grass-of-Parnassus	PDSAX0P030	None	None	G5T2/S2.3	1B.3	Yes
<i>Parnassia cirrata</i> var. <i>intermedia</i>	Cascade grass-of-Parnassus	PDSAX0P044	None	None	G4T2T3/S2.2	2.2	Yes
<i>Paronychia ahartii</i>	Ahart's paronychia	PDCAR0L0V0	None	None	G2/S2.1	1B.1	Yes
<i>Pedicularis bracteosa</i> var. <i>flavida</i>	yellowish lousewort	PDSCR1K044	None	None	G5T4/S3.3	4.3	No
<i>Pedicularis centranthera</i>	Great Basin lousewort	PDSCR1K070	None	None	G4/S1.2	2.3	Yes
<i>Pedicularis contorta</i>	curved-beak lousewort	PDSCR1K090	None	None	G5/S3.3	4.3	No
<i>Pedicularis crenulata</i>	scalloped-leaved lousewort	PDSCR1K0A0	None	None	G4/S1.2	2.2	Yes
<i>Pedicularis dudleyi</i>	Dudley's lousewort	PDSCR1K0D0	None	Rare	G2/S2.2	1B.2	Yes
<i>Pedicularis howellii</i>	Howell's lousewort	PDSCR1K0J0	None	None	G4/S3.3	4.3	No
<i>Pediomelum castoreum</i>	Beaver Dam breadroot	PDFAB5L050	None	None	G3/S3.3	4.3	No
<i>Pellaea truncata</i>	spiny cliff-brake	PPADI0H0C0	None	None	G5/S2	2.3	Yes
<i>Penstemon albomarginatus</i>	white-margined beardtongue	PDSCR1L070	None	None	G2/S1.1	1B.2	Yes
<i>Penstemon barnebyi</i>	Barneby's beardtongue	PDSCR1L0Q0	None	None	G3G4/S1.2	2.1	Yes
<i>Penstemon bicolor</i> ssp. <i>roseus</i>	rosy two-toned beardtongue	PDSCR1L0S2	None	None	G3T3Q/S1.3	2.3	Yes
<i>Penstemon calcareus</i>	limestone beardtongue	PDSCR1L100	None	None	G2/S2.3	1B.3	Yes
<i>Penstemon californicus</i>	California beardtongue	PDSCR1L110	None	None	G3?/S2.2	1B.2	Yes
<i>Penstemon cinereus</i>	gray beardtongue	PDSCR1L354	None	None	G4/S3.3	4.3	No
<i>Penstemon cinicola</i>	ashy-gray beardtongue	PDSCR1L1B0	None	None	G4/S3.3	4.3	No
<i>Penstemon clevelandii</i> var. <i>connatus</i>	San Jacinto beardtongue	PDSCR1L1D2	None	None	G5T4/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Penstemon filiformis</i>	thread-leaved beardtongue	PDSCR1L2A0	None	None	G3/S3.3	1B.3	Yes
<i>Penstemon fruticiformis</i> var. <i>amargosae</i>	Amargosa beardtongue	PDSCR1L2F2	None	None	G4T3/S2.3	1B.3	Yes
<i>Penstemon heterodoxus</i> var. <i>shastensis</i>	Shasta beardtongue	PDSCR1L5Q0	None	None	G5T3/S3.3	4.3	No
<i>Penstemon janishiae</i>	Janish's beardtongue	PDSCR1L3A0	None	None	G4/S1.2	2.2	Yes
<i>Penstemon newberryi</i> var. <i>sonomensis</i>	Sonoma beardtongue	PDSCR1L483	None	None	G4T1/S1.3	1B.3	Yes
<i>Penstemon pahutensis</i>	Pahute beardtongue	PDSCR1L4H0	None	None	G3/S1.3	2.3	Yes
<i>Penstemon papillatus</i>	Inyo beardtongue	PDSCR1L4L0	None	None	G3/S3.3	4.3	No
<i>Penstemon personatus</i>	closed-throated beardtongue	PDSCR1L4Y0	None	None	G2/S2.2	1B.2	Yes
<i>Penstemon rattanii</i> var. <i>kleei</i>	Santa Cruz Mountains beardtongue	PDSCR1L5B1	None	None	G4T2/S2.2	1B.2	Yes
<i>Penstemon scapoides</i>	pinyon beardtongue	PDSCR1L5J0	None	None	G3/S3.3	4.3	No
<i>Penstemon stephensii</i>	Stephens' beardtongue	PDSCR1L5W0	None	None	G2/S2.3	1B.3	Yes
<i>Penstemon sudans</i>	Susanville beardtongue	PDSCR1L620	None	None	G2G3/S2.3	1B.3	Yes
<i>Penstemon thompsoniae</i>	Thompson's beardtongue	PDSCR1L670	None	None	G4/S1.3	2.3	Yes
<i>Penstemon thurberi</i>	Thurber's beardtongue	PDSCR1L680	None	None	G5/S3.2?	4.2	No
<i>Penstemon tracyi</i>	Tracy's beardtongue	PDSCR1L6A0	None	None	G1/S1.3	1B.3	Yes
<i>Penstemon utahensis</i>	Utah beardtongue	PDSCR1L6G0	None	None	G4/S2.3	2.3	Yes
<i>Pentachaeta aurea</i>	golden-rayed pentachaeta	PDAST6X020	None	None	G4T3/S3.2	4.2	No
<i>Pentachaeta aurea</i> ssp. <i>allenii</i>	Allen's pentachaeta	PDAST6X021	None	None	G4T3/S2.1	1B.1	Yes
<i>Pentachaeta aurea</i> ssp. <i>aurea</i>	golden-rayed pentachaeta	PDAST6X022	None	None	G4T3/S3.2	4.2	No
<i>Pentachaeta bellidiflora</i>	white-rayed pentachaeta	PDAST6X030	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Pentachaeta exilis</i> ssp. <i>aeolica</i>	San Benito pentachaeta	PDAST6X041	None	None	G5T1/S1.2	1B.2	Yes
<i>Pentachaeta fragilis</i>	fragile pentachaeta	PDAST6X050	None	None	G3/S3.3	4.3	No
<i>Pentachaeta lyonii</i>	Lyon's pentachaeta	PDAST6X060	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Perideridia bacigalupii</i>	Bacigalupi's yampah	PDAPI1N020	None	None	G3/S3.2?	4.2	No
<i>Perideridia gairdneri</i> ssp. <i>gairdneri</i>	Gairdner's yampah	PDAPI1N062	None	None	G5T3/S3.2	4.2	No
<i>Perideridia leptocarpa</i>	narrow-seeded yampah	PDAPI1N0A0	None	None	G3Q/S3.3	4.3	No
<i>Perideridia parishii</i> ssp. <i>parishii</i>	Parish's yampah	PDAPI1N0C2	None	None	G4T3T4/S2.2?	2.2	Yes
<i>Perideridia pringlei</i>	adobe yampah	PDAPI1N0D0	None	None	G3/S3.3	4.3	No
<i>Perityle inyoensis</i>	Inyo rock daisy	PDAST700F0	None	None	G2/S2.2	1B.2	Yes
<i>Perityle villosa</i>	Hanaupah rock daisy	PDAST700V0	None	None	G1/S1.3	1B.3	Yes
<i>Petalonyx thurberi</i> ssp. <i>gilmanii</i>	Death Valley sandpaper-plant	PDLOA04041	None	None	G5T2/S2.3	1B.3	Yes
<i>Peteria thompsoniae</i>	spine-noded milk vetch	PDFAB32020	None	None	G4/S1.3?	2.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Petradoria pumila</i> ssp. <i>pumila</i>	rock goldenrod	PDAST72022	None	None	G5T4/S3.3	4.3	No
<i>Petrophyton caespitosum</i> ssp. <i>acuminatum</i>	marble rockmat	PDROS18010	None	None	G5T1/S1.3	1B.3	Yes
<i>Phacelia amabilis</i>	Saline Valley phacelia	PDHYD0C040	None	None	GHQ/SH	3.3	Yes
<i>Phacelia anelsonii</i>	Aven Nelson's phacelia	PDHYD0C060	None	None	G2G3/S2.3?	2.3	Yes
<i>Phacelia argentea</i>	sand dune phacelia	PDHYD0C070	None	None	G2/S1.1	1B.1	Yes
<i>Phacelia barnebyana</i>	Barneby's phacelia	PDHYD0C0C0	None	None	G3?/S2.3	2.3	Yes
<i>Phacelia cicutaria</i> var. <i>hubbyi</i>	Hubby's phacelia	PDHYD0C0R4	None	None	G4G5T3/S3.2	4.2	No
<i>Phacelia ciliata</i> var. <i>opaca</i>	Merced phacelia	PDHYD0C0S2	None	None	G5T1/S1.2	1B.3	Yes
<i>Phacelia cinerea</i>	ashy phacelia	PDHYD0C0T0	None	None	GXQ/SX	1A	Yes
<i>Phacelia coerulea</i>	sky-blue phacelia	PDHYD0C0U0	None	None	G5/S1.3	2.3	Yes
<i>Phacelia cookei</i>	Cooke's phacelia	PDHYD0C0Y0	None	None	G1/S1.1	1B.1	Yes
<i>Phacelia dalesiana</i>	Scott Mountain phacelia	PDHYD0C140	None	None	G3/S3.3	4.3	Yes
<i>Phacelia exilis</i>	Transverse Range phacelia	PDHYD0C4Y0	None	None	G3Q/S3.3	4.3	No
<i>Phacelia floribunda</i>	many-flowered phacelia	PDHYD0C1G0	None	None	G2/S1.1	1B.2	Yes
<i>Phacelia greenei</i>	Scott Valley phacelia	PDHYD0C1V0	None	None	G2/S2.2	1B.2	Yes
<i>Phacelia gymnoclada</i>	naked-stemmed phacelia	PDHYD0C1X0	None	None	G4/S2.3	2.3	Yes
<i>Phacelia insularis</i> var. <i>continentis</i>	North Coast phacelia	PDHYD0C2B1	None	None	G2T1/S1.2	1B.2	Yes
<i>Phacelia insularis</i> var. <i>insularis</i>	northern Channel Islands phacelia	PDHYD0C2B2	Endangered	None	G2TH/SH	1B.2	Yes
<i>Phacelia inundata</i>	playa phacelia	PDHYD0C2E0	None	None	G2/S2.3	1B.3	Yes
<i>Phacelia inyoensis</i>	Inyo phacelia	PDHYD0C2F0	None	None	G3/S3.2	1B.2	Yes
<i>Phacelia leonis</i>	Siskiyou phacelia	PDHYD0C2N0	None	None	G2/S2.2	1B.3	Yes
<i>Phacelia mohavensis</i>	Mojave phacelia	PDHYD0C310	None	None	G3Q/S3.3	4.3	No
<i>Phacelia monoensis</i>	Mono County phacelia	PDHYD0C4V0	None	None	G3/S2.1	1B.1	Yes
<i>Phacelia mustelina</i>	Death Valley round-leaved phacelia	PDHYD0C330	None	None	G2/S1.3	1B.3	Yes
<i>Phacelia nashiana</i>	Charlotte's phacelia	PDHYD0C350	None	None	G3/S3.2	1B.2	Yes
<i>Phacelia novenmillensis</i>	Nine Mile Canyon phacelia	PDHYD0C3A0	None	None	G2/S2.2	1B.2	Yes
<i>Phacelia orogenes</i>	mountain phacelia	PDHYD0C3C0	None	None	G3/S3.3	4.3	No
<i>Phacelia parishii</i>	Parish's phacelia	PDHYD0C3G0	None	None	G2G3/S1.1	1B.1	Yes
<i>Phacelia peirsoniana</i>	Peirson's phacelia	PDHYD0C3N0	None	None	G3G4/S3.3	4.3	No
<i>Phacelia perityloides</i> var. <i>jaegeri</i>	Jaeger's phacelia	PDHYD0C1M0	None	None	G4T2/S1.3	1B.3	Yes
<i>Phacelia phacelioides</i>	Mt. Diablo phacelia	PDHYD0C3Q0	None	None	G1/S1.2	1B.2	Yes
<i>Phacelia pulchella</i> var. <i>gooddingii</i>	Goodding's phacelia	PDHYD0C3V1	None	None	G5T2T3/S1.3?	2.3	Yes
<i>Phacelia ramosissima</i> var. <i>austrolitoralis</i>	south coast branching phacelia	PDHYD0C416	None	None	G5?T3/S3.2	4.2	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Phacelia sericea</i> var. <i>ciliosa</i>	blue alpine phacelia	PDHYD0C4A1	None	None	G5T5/S1.3?	2.3	Yes
<i>Phacelia stebbinsii</i>	Stebbins' phacelia	PDHYD0C4D0	None	None	G3/S3.2	1B.2	Yes
<i>Phacelia stellaris</i>	Brand's star phacelia	PDHYD0C510	Candidate	None	G1G2/S1.1	1B.1	Yes
<i>Phacelia suaveolens</i> ssp. <i>keckii</i>	Santiago Peak phacelia	PDHYD0C4G1	None	None	G4T1/S1.3	1B.3	Yes
<i>Phaseolus filiformis</i>	slender-stem bean	PDFAB330P0	None	None	G5/S1.3	2.3	Yes
<i>Phlox dispersa</i>	High Sierra phlox	PDPLM0D0M0	None	None	G3/S3.3	4.3	No
<i>Phlox dolichantha</i>	Big Bear Valley phlox	PDPLM0D0P0	None	None	G2/S2.2	1B.2	Yes
<i>Phlox hirsuta</i>	Yreka phlox	PDPLM0D100	Endangered	Endangered	G1/S1.1	1B.2	Yes
<i>Phlox muscoides</i>	squarestem phlox	PDPLM0D115	None	None	G5?/S2S3	2.3	Yes
<i>Pholisma sonorae</i>	sand food	PDLNN02020	None	None	G2/S1.2	1B.2	Yes
<i>Pholistoma auritum</i> var. <i>arizonicum</i>	Arizona pholistoma	PDHYD0D011	None	None	G5T2T3/S1.3	2.3	Yes
<i>Physalis lobata</i>	lobed ground-cherry	PDSOL0T010	None	None	G5/S1.3?	2.3	Yes
<i>Physaria chambersii</i>	Chambers' physaria	PDBRA22050	None	None	G4/S2.3	2.3	Yes
<i>Physocarpus alternans</i>	Nevada ninebark	PDROS19010	None	None	G4/S2.3	2.3	Yes
<i>Picea engelmannii</i>	Engelmann spruce	PGPIN03030	None	None	G5/S2.2	2.2	Yes
<i>Pickeringia montana</i> var. <i>tomentosa</i>	Montana chaparral pea	PDFAB34012	None	None	G5T2T4/S2S4.	4.3	No
<i>Pilosyles thurberi</i>	Thurber's pilostyles	PDRAF01010	None	None	G5/S3.3	4.3	Yes
<i>Pinguicula macroceras</i>	horned butterwort	PDLNT01040	None	None	G5/S3.2	2.2	Yes
<i>Pinus contorta</i> ssp. <i>bolanderi</i>	Bolander's beach pine	PGPIN04081	None	None	G5T3/S3.2	1B.2	Yes
<i>Pinus edulis</i>	two-needle pinyon pine	PGPIN040C0	None	None	G5/S1.3?	3.3	No
<i>Pinus longaeva</i>	bristlecone pine	PGPIN04180	None	None	G4/S3.3	4.3	No
<i>Pinus radiata</i>	Monterey pine	PGPIN040V0	None	None	G1/S1.1	1B.1	Yes
<i>Pinus torreyana</i> ssp. <i>insularis</i>	Santa Rosa Island torrey pine	PGPIN04151	None	None	G1T1/S1.2	1B.2	Yes
<i>Pinus torreyana</i> ssp. <i>torreyana</i>	torrey pine	PGPIN04152	None	None	G1T1/S1.2	1B.2	Yes
<i>Piperia candida</i>	white-flowered rein orchid	PMORC1X050	None	None	G3/S3.2	1B.2	Yes
<i>Piperia colemani</i>	Coleman's rein orchid	PMORC1X080	None	None	G3/S3.3	4.3	No
<i>Piperia cooperi</i>	chaparral rein orchid	PMORC1X090	None	None	G4/S3.2	4.2	No
<i>Piperia elegans</i> ssp. <i>decurtata</i>	Point Reyes rein orchid	PMORC1X011	None	None	G4T1/S1.1	1B.1	Yes
<i>Piperia leptopetala</i>	narrow-petaled rein orchid	PMORC1X100	None	None	G3/S3.3	4.3	No
<i>Piperia michaelii</i>	Michael's rein orchid	PMORC1X110	None	None	G3/S3.2	4.2	No
<i>Piperia yadonii</i>	Yadon's rein orchid	PMORC1X070	Endangered	None	G2/S2.1	1B.1	Yes
<i>Piptatherum micranthum</i>	small-flowered rice grass	PMPOA4J070	None	None	G5/S2S3	2.3	Yes
<i>Pityopus californica</i>	California pinefoot	PDMON05010	None	None	G4G5/S3.2	4.2	No
<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>	Choris' popcorn-flower	PDBOR0V061	None	None	G3T2Q/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Plagiobothrys chorisianus</i> var. <i>hickmanii</i>	Hickman's popcorn-flower	PDBOR0V062	None	None	G3T3Q/S3.2	4.2	No
<i>Plagiobothrys diffusus</i>	San Francisco popcorn-flower	PDBOR0V080	None	Endangered	G1Q/S1.1	1B.1	Yes
<i>Plagiobothrys glaber</i>	hairless popcorn-flower	PDBOR0V0B0	None	None	GH/SH	1A	Yes
<i>Plagiobothrys glyptocarpus</i> var. <i>modestus</i>	Cedar Crest popcorn-flower	PDBOR0V0C2	None	None	G3THQ/SH	3	No
<i>Plagiobothrys hystericulus</i>	bearded popcorn-flower	PDBOR0V0H0	None	None	G1/S1.1	1B.1	Yes
<i>Plagiobothrys lithocaryus</i>	Mayacamas popcorn-flower	PDBOR0V0P0	None	None	GH/SH	1A	Yes
<i>Plagiobothrys mollis</i> var. <i>vestitus</i>	Petaluma popcorn-flower	PDBOR0V0Q2	None	None	G4?TX/SX	1A	Yes
<i>Plagiobothrys myosotoides</i>	forget-me-not popcorn-flower	PDBOR0V0R0	None	None	G4Q/S3.3	4.3	No
<i>Plagiobothrys parishii</i>	Parish's popcorn-flower	PDBOR0V0U0	None	None	G1/S1.1	1B.1	Yes
<i>Plagiobothrys salsus</i>	desert popcorn-flower	PDBOR0V0X0	None	None	G2G3/S1.2?	2.2	Yes
<i>Plagiobothrys strictus</i>	Calistoga popcorn-flower	PDBOR0V120	Endangered	Threatened	G1/S1.1	1B.1	Yes
<i>Plagiobothrys torreyi</i> var. <i>torreyi</i>	Yosemite popcorn-flower	PDBOR0V152	None	None	G4T2Q/S2.2	1B.2	Yes
<i>Plagiobothrys uncinatus</i>	hooked popcorn-flower	PDBOR0V170	None	None	G2/S2.2	1B.2	Yes
<i>Platanthera stricta</i>	slender bog-orchid	PMORC1Y0P0	None	None	G5/S3.2?	4.2	No
<i>Platanthera yosemitensis</i>	Yosemite bog orchid	PMORC1Y1B0	None	None	G2/S2.2	1B.2	Yes
<i>Platystemon californicus</i> var. <i>ciliatus</i>	Santa Barbara Island cream cups	PDPAP0J022	None	None	G5T1Q/S1.2	1B.2	Yes
<i>Pleuropogon californicus</i> var. <i>davyi</i>	Davy's semaphore grass	PMPOA7Y012	None	None	G5T3/S3.3	4.3	No
<i>Pleuropogon hooverianus</i>	North Coast semaphore grass	PMPOA4Y070	None	Threatened	G1/S1.1	1B.1	Yes
<i>Pleuropogon refractus</i>	nodding semaphore grass	PMPOA4Y080	None	None	G4/S3.2?	4.2	No
<i>Poa abbreviata</i> ssp. <i>marshii</i>	Marsh's blue grass	PMPOA4Z013	None	None	G5T2/S1.3	2.3	Yes
<i>Poa abbreviata</i> ssp. <i>pattersonii</i>	Patterson's blue grass	PMPOA4Z015	None	None	G5T5/S1.3	2.3	Yes
<i>Poa atropurpurea</i>	San Bernardino blue grass	PMPOA4Z0A0	Endangered	None	G2/S2.2	1B.2	Yes
<i>Poa diaboli</i>	Diablo Canyon blue grass	PMPOA4Z390	None	None	G1/S1.2	1B.2	Yes
<i>Poa lettermanii</i>	Letterman's blue grass	PMPOA4Z1H0	None	None	G4/S2.3	2.3	Yes
<i>Poa napensis</i>	Napa blue grass	PMPOA4Z1R0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Poa piperi</i>	Piper's blue grass	PMPOA4Z200	None	None	G4/S3.3	4.3	No
<i>Poa rhizomata</i>	timber blue grass	PMPOA4Z250	None	None	G3G4/S3.3	4.3	No
<i>Podistera nevadensis</i>	Sierra podistera	PDAPI1T030	None	None	G3/S3.3	4.3	No
<i>Pogogyne abramsii</i>	San Diego mesa mint	PDLAM1K010	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Pogogyne clareana</i>	Santa Lucia mint	PDLAM1K020	None	Endangered	G1/S1.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

California Department of Fish and Game

Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Pogogyne floribunda</i>	profuse-flowered pogogyne	PDLAM1K070	None	None	G3/S3.2	1B.2	Yes
<i>Pogogyne nudiuscula</i>	Otay Mesa mint	PDLAM1K040	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Polemonium chartaceum</i>	Mason's sky pilot	PDPLM0E060	None	None	G1/S1.3	1B.3	Yes
<i>Poliomintha incana</i>	frosted mint	PDLAM1L020	None	None	G5/SH	1A	Yes
<i>Polyctenium fremontii</i> var. <i>fremontii</i>	Fremont's combleaf	PDBRA23012	None	None	G4T4/S3.3	4.3	No
<i>Polyctenium williamsiae</i>	Williams' combleaf	PDBRA23030	None	None	G2Q/S1.2	1B.2	Yes
<i>Polygala acanthoclada</i>	thorny milkwort	PDPGL02020	None	None	G4/S2.3	2.3	Yes
<i>Polygala cornuta</i> var. <i>fishiae</i>	Fish's milkwort	PDPGL020B2	None	None	G5T4/S3.3	4.3	No
<i>Polygala heterorhyncha</i>	notch-beaked milkwort	PDPGL02270	None	None	G3/S1.3	2.3	Yes
<i>Polygala intermontana</i>	intermountain milkwort	PDPGL021U0	None	None	G3?/S2.3	2.3	Yes
<i>Polygala subspinosa</i>	spiny milkwort	PDPGL021Q0	None	None	G4?/S3.2	2.2	Yes
<i>Polygonum bidwelliae</i>	Bidwell's knotweed	PDPGN0L0C0	None	None	G3/S3.3	4.3	No
<i>Polygonum hickmanii</i>	Scotts Valley polygonum	PDPGN0L310	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Polygonum marinense</i>	Marin knotweed	PDPGN0L1C0	None	None	G1Q/S1.1	3.1	Yes
<i>Polygonum polygaloides</i> ssp. <i>esotericum</i>	Modoc County knotweed	PDPGN0L1Y2	None	None	G4G5T2/S2.1	1B.1	Yes
<i>Polystichum kruckebergii</i>	Kruckeberg's sword fern	PPDRY0R0C0	None	None	G4/S3.3	4.3	No
<i>Polystichum lonchitis</i>	northern holly fern	PPDRY0R0F0	None	None	G5/S2?	3	No
<i>Populus angustifolia</i>	narrow-leaved cottonwood	PDSAL01020	None	None	G5/S2S3	2.2	Yes
<i>Portulaca halimoides</i>	desert portulaca	PDPOR06040	None	None	G5/S3.2	4.2	No
<i>Potamogeton epihydrus</i> ssp. <i>nuttallii</i>	Nuttall's ribbon-leaved pondweed	MPMOT03081	None	None	G5T5/S2.2?	2.2	Yes
<i>Potamogeton filiformis</i>	slender-leaved pondweed	MPMOT03090	None	None	G5/S1S2	2.2	Yes
<i>Potamogeton foliosus</i> var. <i>fibrillosum</i>	fibrous pondweed	MPMOT030B1	None	None	G5T2T4/S1S2	2.3	Yes
<i>Potamogeton praelongus</i>	white-stemmed pondweed	MPMOT030V0	None	None	G5/S1S2	2.3	Yes
<i>Potamogeton robbinsii</i>	Robbins' pondweed	MPMOT030Z0	None	None	G5/S2.3?	2.3	Yes
<i>Potamogeton zosteriformis</i>	eel-grass pondweed	MPMOT03160	None	None	G5/S2.2?	2.2	Yes
<i>Potentilla basaltica</i>	Black Rock potentilla	PDROS1B270	Candidate	None	G1/S1.3	1B.3	Yes
<i>Potentilla concinna</i>	early elegant cinquefoil	PDROS1B0F0	None	None	G5?/S1.3	2.3	Yes
<i>Potentilla cristae</i>	crested potentilla	PDROS1B2F0	None	None	G2/S2.3	1B.3	Yes
<i>Potentilla glandulosa</i> ssp. <i>ewanii</i>	Ewan's cinquefoil	PDROS1B0S3	None	None	G5T1/S1.3	1B.3	Yes
<i>Potentilla gracilis</i> var. <i>pulcherrima</i>	white-leaved cinquefoil	PDROS1B2P0	None	None	G5T5/S1.2	2.2	Yes
<i>Potentilla hickmanii</i>	Hickman's cinquefoil	PDROS1B0U0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Potentilla morefieldii</i>	Morefield's cinquefoil	PDROS1B2R0	None	None	G1/S1.3	1B.3	Yes
<i>Potentilla multijuga</i>	Ballona cinquefoil	PDROS1B120	None	None	GX/SX	1A	Yes
<i>Potentilla newberryi</i>	Newberry's cinquefoil	PDROS1B130	None	None	G3G4/S2.3?	2.3	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Potentilla rimicola</i>	cliff cinquefoil	PDROS1B2G0	None	None	G2G4/S1.3	2.3	Yes
<i>Proboscidea althaeifolia</i>	desert unicorn-plant	PDPED06010	None	None	G5/S3.3	4.3	No
<i>Prunus eremophila</i>	Mojave Desert plum	PDROS1C1Q0	None	None	G1/S1.2	1B.2	Yes
<i>Prunus fasciculata</i> var. <i>punctata</i>	sand almond	PDROS1C0E2	None	None	G5T3/S3.3	4.3	No
<i>Pseudobahia bahiifolia</i>	Hartweg's golden sunburst	PDAST7P010	Endangered	Endangered	G2/S2.1	1B.1	Yes
<i>Pseudobahia peirsonii</i>	San Joaquin adobe sunburst	PDAST7P030	Threatened	Endangered	G2/S2.1	1B.1	Yes
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	PDAST440C0	None	None	G4/S2S3.2	2.2	Yes
<i>Pseudostellaria sierrae</i>	Sierra starwort	PDCAR13020	None	None	G2G3/S2S3.2	3.2	No
<i>Psilocarphus brevissimus</i> var. <i>multiflorus</i>	Delta woolly-marbles	PDAST7R012	None	None	G4T3/S3.2?	4.2	No
<i>Psilocarphus elatior</i>	tall woolly-marbles	PDAST7R020	None	None	G4Q/S3.3	4.3	No
<i>Psoralidium lanceolatum</i>	lance-leaved scurf-pea	PDFAB5M030	None	None	G5/S2.3	2.3	Yes
<i>Psorothamnus arborescens</i> var. <i>arborescens</i>	Mojave indigo-bush	PDFAB3C011	None	None	G5T3/S3.3	4.3	No
<i>Psorothamnus fremontii</i> var. <i>attenuatus</i>	narrow-leaved psorothamnus	PDFAB3C031	None	None	G5T3?/S2.3	2.3	Yes
<i>Puccinellia howellii</i>	Howell's alkali grass	PMPOA531A0	None	None	G1/S1.1	1B.1	Yes
<i>Puccinellia parishii</i>	Parish's alkali grass	PMPOA530T0	None	None	G2/S1.1	1B.1	Yes
<i>Puccinellia pumila</i>	dwarf alkali grass	PMPOA531B0	None	None	G4?/S1.1?	2.2	Yes
<i>Pyrola chlorantha</i>	green-flowered wintergreen	PDPYR04030	None	None	G5/SH	1A	Yes
<i>Pyrrocoma lucida</i>	sticky pyrrocoma	PDASTDT0E0	None	None	G3/S3.2	1B.2	Yes
<i>Pyrrocoma racemosa</i> var. <i>congesta</i>	Del Norte pyrrocoma	PDASTDT0F4	None	None	G5T4/S2.3	2.3	Yes
<i>Pyrrocoma racemosa</i> var. <i>pinetorum</i>	pine pyrrocoma	PDASTDT0F2	None	None	G5T3/S3.2	4.2	No
<i>Pyrrocoma uniflora</i> var. <i>gossypina</i>	Bear Valley pyrrocoma	PDASTDT0K1	None	None	G5T2/S2.2	1B.2	Yes
<i>Quercus cedrosensis</i>	Cedros Island oak	PDFAG05650	None	None	G2?/S1.2	2.2	Yes
<i>Quercus dumosa</i>	Nuttall's scrub oak	PDFAG050D0	None	None	G1G2/S1.1	1B.1	Yes
<i>Quercus durata</i> var. <i>gabrielensis</i>	San Gabriel oak	PDFAG050G2	None	None	G4T3/S3.2	4.2	No
<i>Quercus engelmannii</i>	Engelmann oak	PDFAG050K0	None	None	G3/S3.2	4.2	No
<i>Quercus pacifica</i>	island scrub oak	PDFAG05620	None	None	G3/S3.2	4.2	No
<i>Quercus parvula</i> var. <i>parvula</i>	Santa Cruz Island oak	PDFAG051Q1	None	None	G4T3/S3.2	4.2	No
<i>Quercus parvula</i> var. <i>tamalpaisensis</i>	Tamalpais oak	PDFAG051Q3	None	None	G4T1/S1.3	1B.3	Yes
<i>Quercus tomentella</i>	island oak	PDFAG05250	None	None	G3/S3.2	4.2	No
<i>Quercus turbinella</i>	shrub live oak	PDFAG05270	None	None	G5/S3.3	4.3	No
<i>Raillardella pringlei</i>	showy raillardella	PDAST7X030	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Ranunculus hydrocharoides</i>	frog's-bit buttercup	PDRAN0L190	None	None	G4G5/S1.1	2.1	Yes
<i>Ranunculus lobbii</i>	Lobb's aquatic buttercup	PDRAN0L1J0	None	None	G4/S3.2	4.2	No
<i>Ranunculus macounii</i>	Macoun's buttercup	PDRAN0L1M0	None	None	G5/S2.2	2.2	Yes
<i>Rhamnus alnifolia</i>	alder buckthorn	PDRHA0C010	None	None	G5/S2.2	2.2	Yes
<i>Rhamnus pirifolia</i>	island redberry	PDRHA0C0A0	None	None	G3/S3.2	4.2	No
<i>Rhus trilobata</i> var. <i>simplicifolia</i>	single-leaved skunkbrush	PDANA080B5	None	None	G5T3T5/S1.3?	2.3	Yes
<i>Rhynchospora alba</i>	white beaked-rush	PMCYP0N010	None	None	G5/S3.2	2.2	Yes
<i>Rhynchospora californica</i>	California beaked-rush	PMCYP0N060	None	None	G1/S1.1	1B.1	Yes
<i>Rhynchospora capitellata</i>	brownish beaked-rush	PMCYP0N080	None	None	G5/S2S3	2.2	Yes
<i>Rhynchospora globularis</i> var. <i>globularis</i>	round-headed beaked-rush	PMCYP0N0W1	None	None	G5?T5?/S1.1	2.1	Yes
<i>Ribes amarum</i> var. <i>hoffmannii</i>	Hoffmann's bitter gooseberry	PDGRO02012	None	None	G4? T2T3/S2S3	3	No
<i>Ribes canthariforme</i>	Moreno currant	PDGRO02070	None	None	G1/S1.3	1B.3	Yes
<i>Ribes divaricatum</i> var. <i>parishi</i>	Parish's gooseberry	PDGRO020F3	None	None	G4TH/SH	1A	Yes
<i>Ribes hudsonianum</i> var. <i>petiolare</i>	western black currant	PDGRO020N2	None	None	G5T3T5/S2.3?	2.3	Yes
<i>Ribes laxiflorum</i>	trailing black currant	PDGRO020V0	None	None	G5/S3.3	4.3	No
<i>Ribes marshallii</i>	Marshall's gooseberry	PDGRO020Z0	None	None	G4/S3.3	4.3	No
<i>Ribes menziesii</i> var. <i>ixoderme</i>	aromatic canyon gooseberry	PDGRO02104	None	None	G4T2/S2.2	1B.2	Yes
<i>Ribes roezlii</i> var. <i>amictum</i>	hoary gooseberry	PDGRO021B1	None	None	G3G4T3/S3.3	4.3	No
<i>Ribes sericeum</i>	Santa Lucia gooseberry	PDGRO021F0	None	None	G3/S3.3	4.3	No
<i>Ribes thacherianum</i>	Santa Cruz Island gooseberry	PDGRO02109	None	None	G2/S2.2	1B.2	Yes
<i>Ribes tularensense</i>	Sequoia gooseberry	PDGRO021L0	None	None	G2/S2.3	1B.3	Yes
<i>Ribes viburnifolium</i>	Santa Catalina Island currant	PDGRO021P0	None	None	G3/S3.3	1B.2	Yes
<i>Ribes victoris</i>	Victor's gooseberry	PDGRO021Q0	None	None	G3/S3.3	4.3	No
<i>Robinia neomexicana</i>	New Mexico locust	PDFAB3G070	None	None	G4/S1.3	2.3	Yes
<i>Romanzoffia tracyi</i>	Tracy's romanzoffia	PDHYD0E030	None	None	G4/S1.3	2.3	Yes
<i>Romneya coulteri</i>	Coulter's matilija poppy	PDPAP0L010	None	None	G3/S3.2	4.2	No
<i>Rorippa columbiae</i>	Columbia yellow cress	PDBRA27060	None	None	G3/S1.1	1B.2	Yes
<i>Rorippa subumbellata</i>	Tahoe yellow cress	PDBRA270M0	Candidate	Endangered	G1/S1.1	1B.1	Yes
<i>Rosa minutifolia</i>	small-leaved rose	PDROS1J1B0	None	Endangered	G3/SXC	2.1	Yes
<i>Rosa pinetorum</i>	pine rose	PDROS1J0W0	None	None	G2Q/S2.2	1B.2	Yes
<i>Rubus glaucifolius</i> var. <i>ganderi</i>	Cuyamaca raspberry	PDROS1K2N1	None	None	G5T1/S1.1	1B.3	Yes
<i>Rubus nivalis</i>	snow dwarf bramble	PDROS1K4S0	None	None	G4?/S1.3?	2.3	Yes
<i>Rumex venosus</i>	winged dock	PDPGN0P1K0	None	None	G5?/S2.3	2.3	Yes
<i>Rupertia hallii</i>	Hall's rupertia	PDFAB62010	None	None	G3/S3.2	1B.2	Yes
<i>Rupertia rigida</i>	Parish's rupertia	PDFAB62030	None	None	G3/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Sagittaria sanfordii</i>	Sanford's arrowhead	PMALI040Q0	None	None	G3/S3.2	1B.2	Yes
<i>Salix bebbiana</i>	Bebb's willow	PDSAL020E0	None	None	G5/S2.3?	2.3	Yes
<i>Salix brachycarpa</i> ssp. <i>brachycarpa</i>	short-fruited willow	PDSAL020H5	None	None	G5T5/S1.3?	2.3	Yes
<i>Salix delnortensis</i>	Del Norte willow	PDSAL023F0	None	None	G4/S3.3	4.3	No
<i>Salix nivalis</i>	snow willow	PDSAL024K0	None	None	G5/S1.3	2.3	Yes
<i>Saltugilia caruifolia</i>	caraway-leaved woodland-gilia	PDPLM040C0	None	None	G4?/S3.3	4.3	No
<i>Saltugilia latimeri</i>	Latimer's woodland-gilia	PDPLM0H010	None	None	G2/S2.2	1B.2	Yes
<i>Salvia brandegeei</i>	Brandegee's sage	PDLAM1S080	None	None	G2/S1.2	1B.2	Yes
<i>Salvia dorrii</i> var. <i>incana</i>	fleshy sage	PDLAM1S0G8	None	None	G5T5/S1S2	3	No
<i>Salvia eremostachya</i>	desert sage	PDLAM1S0K0	None	None	G4G5/S3.3	4.3	No
<i>Salvia funerea</i>	Death Valley sage	PDLAM1S0M0	None	None	G3/S3.3	4.3	No
<i>Salvia greatae</i>	Orocopia sage	PDLAM1S0P0	None	None	G2/S2.2	1B.3	Yes
<i>Salvia munzii</i>	Munz's sage	PDLAM1S140	None	None	G3/S2.2	2.2	Yes
<i>Sanguisorba officinalis</i>	great burnet	PDROS1L060	None	None	G5?/S2.2	2.2	Yes
<i>Sanicula hoffmannii</i>	Hoffmann's sanicle	PDAPI1Z090	None	None	G3/S3.3	4.3	No
<i>Sanicula maritima</i>	adobe sanicle	PDAPI1Z0D0	None	Rare	G2/S2.2	1B.1	Yes
<i>Sanicula peckiana</i>	Peck's sanicle	PDAPI1Z0E0	None	None	G4/S3.3	4.3	No
<i>Sanicula saxatilis</i>	rock sanicle	PDAPI1Z0H0	None	Rare	G2/S2.2	1B.2	Yes
<i>Sanicula tracyi</i>	Tracy's sanicle	PDAPI1Z0K0	None	None	G3/S3.2	4.2	Yes
<i>Sanvitalia abertii</i>	Abert's sanvitalia	PDAST89010	None	None	G5/S1S2	2.2	Yes
<i>Sarcocornia utahensis</i>	Utah glasswort	PDCHE0M040	None	None	G4?/S1.2	2.2	Yes
<i>Satureja chandleri</i>	San Miguel savory	PDLAM08030	None	None	G4/S3.2?	1B.2	Yes
<i>Saussurea americana</i>	American saw-wort	PDAST8B020	None	None	G5/S1.2?	2.2	Yes
<i>Saxifraga cespitosa</i>	tufted saxifrage	PDSAX0U0C0	None	None	G5/S1.3	2.3	Yes
<i>Saxifraga howellii</i>	Howell's saxifrage	PDSAX0U0T0	None	None	G4/S3.3	4.3	No
<i>Saxifraga nuttallii</i>	Nuttall's saxifrage	PDSAX0U160	None	None	G4?/S1.1	2.1	Yes
<i>Saxifraga rufidula</i>	red-wool saxifrage	PDSAX0U1H0	None	None	G5?/S1.3	2.3	Yes
<i>Scheuchzeria palustris</i> var. <i>americana</i>	American scheuchzeria	PMSCH02011	None	None	G5T5/S1.1	2.1	Yes
<i>Schkuhria multiflora</i> var. <i>multiflora</i>	many-flowered schkuhria	PDAST8C021	None	None	G5T5/S1.3	2.3	Yes
<i>Schoenoplectus heterochaetus</i>	slender bulrush	PMCYP0Q0T0	None	None	G5/S1.3	2.3	Yes
<i>Schoenoplectus subterminalis</i>	water bulrush	PMCYP0Q1G0	None	None	G4G5/S2S3	2.3	Yes
<i>Schoenus nigricans</i>	black bog-rush	PMCYP0P010	None	None	G4/S2.2	2.2	Yes
<i>Scirpus pendulus</i>	pendulous bulrush	PMCYP0Q160	None	None	G5/S1.2	2.2	Yes
<i>Sclerocactus johnsonii</i>	Johnson's bee-hive cactus	PDCAC0J0H0	None	None	G3G4/S2.2	2.2	Yes
<i>Sclerocactus polyancistrus</i>	Mojave fish-hook cactus	PDCAC0J050	None	None	G4/S3.2	4.2	No
<i>Scleropogon brevifolius</i>	burro grass	PMPOA5G010	None	None	G5/S1.3	2.3	Yes
<i>Scrophularia atrata</i>	black-flowered figwort	PDSCR1S010	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Scrophularia villosa</i>	Santa Catalina figwort	PDSCR1S0D0	None	None	G2/S2.2	1B.2	Yes
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern mountains skullcap	PDLAM1U0A1	None	None	G4T2/S2.2?	1B.2	Yes
<i>Scutellaria galericulata</i>	marsh skullcap	PDLAM1U0J0	None	None	G5/S2.2?	2.2	Yes
<i>Scutellaria holmgreniorum</i>	Holmgren's skullcap	PDLAM1U1C0	None	None	G3Q/S3.3	4.3	Yes
<i>Scutellaria lateriflora</i>	side-flowering skullcap	PDLAM1U0Q0	None	None	G5/S1.2	2.2	Yes
<i>Sedella leiocarpa</i>	Lake County stonecrop	PDCRA0F020	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Sedum albomarginatum</i>	Feather River stonecrop	PDCRA0A030	None	None	G2/S2.2	1B.2	Yes
<i>Sedum divergens</i>	Cascade stonecrop	PDCRA0A0B0	None	None	G5?/S1.3	2.3	Yes
<i>Sedum eastwoodiae</i>	Red Mountain stonecrop	PDCRA0A1S0	Candidate	None	G1/S1.2	1B.2	Yes
<i>Sedum laxum</i> ssp. <i>flavidum</i>	pale yellow stonecrop	PDCRA0A0L2	None	None	G5T3Q/S3.3	4.3	Yes
<i>Sedum laxum</i> ssp. <i>heckneri</i>	Heckner's stonecrop	PDCRA0A0L3	None	None	G5T3Q/S3.3	4.3	No
<i>Sedum niveum</i>	Davidson's stonecrop	PDCRA0A0R0	None	None	G3/S3.2	4.2	No
<i>Sedum oblanceolatum</i>	Applegate stonecrop	PDCRA0A0T0	None	None	G3/S1.2	1B.1	Yes
<i>Sedum paradisum</i>	Canyon Creek stonecrop	PDCRA0A0U3	None	None	G1/S1.3	1B.3	Yes
<i>Sedum pinetorum</i>	Pine City sedum	PDCRA0A0Z0	None	None	GUGH/SH	3	No
<i>Selaginella asprella</i>	bluish spike-moss	PPSEL01060	None	None	G4G5/S3.3	4.3	No
<i>Selaginella densa</i> var. <i>scopulorum</i>	Rocky Mountain spike-moss	PPSEL010C2	None	None	G5T4T5/S2S3	3	No
<i>Selaginella eremophila</i>	desert spike-moss	PPSEL010G0	None	None	G4/S2.2?	2.2	Yes
<i>Selaginella leucobryoides</i>	Mojave spike-moss	PPSEL010P0	None	None	G3/S3.2	4.3	No
<i>Selinocarpus nevadensis</i>	desert wing-fruit	PDNYC0F040	None	None	G5/S1.3	2.3	Yes
<i>Senecio aphanactis</i>	chaparral ragwort	PDAST8H060	None	None	G3?/S1.2	2.2	Yes
<i>Senecio astephanus</i>	San Gabriel ragwort	PDAST8H090	None	None	G3/S3	4	No
<i>Senecio blochmaniae</i>	Blochman's ragwort	PDAST8H0G0	None	None	G3/S3.2	4.2	No
<i>Senecio clevelandii</i> var. <i>clevelandii</i>	Cleveland's ragwort	PDAST8H0R1	None	None	G4?T3Q/S3.3	4.3	No
<i>Senecio clevelandii</i> var. <i>heterophyllus</i>	Red Hills ragwort	PDAST8H0R2	None	None	G4?T2Q/S2.2	1B.2	Yes
<i>Senecio hydrophiloides</i>	sweet marsh ragwort	PDAST8H400	None	None	G4G5/S2S3	4.2	No
<i>Senecio pattersonensis</i>	Mount Patterson senecio	PDAST8H2C0	None	None	G2/S2.3	1B.3	Yes
<i>Senna covesii</i>	Coves' cassia	PDFAB491X0	None	None	G5?/S2.2	2.2	Yes
<i>Shepherdia canadensis</i>	Canadian buffalo-berry	PDELG03020	None	None	G5/S1.2	2.2	Yes
<i>Sibara deserti</i>	desert winged rock-cress	PDBRA2A010	None	None	G3/S3.3	4.3	No
<i>Sibara filifolia</i>	Santa Cruz Island rock cress	PDBRA2A020	Endangered	None	G1/S1.1	1B.1	Yes
<i>Sibaropsis hammittii</i>	Hammitt's clay-cress	PDBRA32010	None	None	G2/S2.2	1B.2	Yes
<i>Sidalcea calycosa</i> ssp. <i>rhizomata</i>	Point Reyes checkerbloom	PDMAL11012	None	None	G5T2/S2.2	1B.2	Yes
<i>Sidalcea covillei</i>	Owens Valley checkerbloom	PDMAL11040	None	Endangered	G3/S3.1	1B.1	Yes
<i>Sidalcea hickmanii</i> ssp. <i>anomala</i>	Cuesta Pass checkerbloom	PDMAL110A1	None	Rare	G3T1/S1.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Sidalcea hickmanii</i> ssp. <i>hickmanii</i>	Hickman's checkerbloom	PDMAL110A2	None	None	G3T2/S2.3	1B.3	Yes
<i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	Parish's checkerbloom	PDMAL110A3	None	Rare	G3T1/S1.2	1B.2	Yes
<i>Sidalcea hickmanii</i> ssp. <i>viridis</i>	Marin checkerbloom	PDMAL110A4	None	None	G3T2/S2.2?	1B.3	Yes
<i>Sidalcea keckii</i>	Keck's checkerbloom	PDMAL110D0	Endangered	None	G1/S1.1	1B.1	Yes
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	PDMAL110E0	None	None	G3G4/S3S4.2	4.2	Yes
<i>Sidalcea malviflora</i> ssp. <i>patula</i>	Siskiyou checkerbloom	PDMAL110F9	None	None	G5T1/S1.1	1B.2	Yes
<i>Sidalcea malviflora</i> ssp. <i>purpurea</i>	purple-stemmed checkerbloom	PDMAL110FL	None	None	G5T2/S2.2	1B.2	Yes
<i>Sidalcea neomexicana</i>	Salt Spring checkerbloom	PDMAL110J0	None	None	G4?/S2S3	2.2	Yes
<i>Sidalcea oregana</i> ssp. <i>eximia</i>	coast sidalcea	PDMAL110K9	None	None	G5T1/S1.2	1B.2	Yes
<i>Sidalcea oregana</i> ssp. <i>hydropila</i>	marsh checkerbloom	PDMAL110K2	None	None	G5T2?/S2?	1B.2	Yes
<i>Sidalcea oregana</i> ssp. <i>valida</i>	Kenwood Marsh checkerbloom	PDMAL110K5	Endangered	Endangered	G5T1/S1.1	1B.1	Yes
<i>Sidalcea pedata</i>	bird-foot checkerbloom	PDMAL110L0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Sidalcea robusta</i>	Butte County checkerbloom	PDMAL110P0	None	None	G2/S2.2	1B.2	Yes
<i>Sidalcea stipularis</i>	Scadden Flat checkerbloom	PDMAL110R0	None	Endangered	G1/S1.1	1B.1	Yes
<i>Sidotea caryophylloides</i>	chickweed oxytheca	PDPGN0J010	None	None	G3/S3.3	4.3	No
<i>Sidotea emarginata</i>	white-margined oxytheca	PDPGN0J030	None	None	G2/S2.3	1B.3	Yes
<i>Silene aperta</i>	Tulare campion	PDCAR0U050	None	None	G3/S3.3	4.3	No
<i>Silene campanulata</i> ssp. <i>campanulata</i>	Red Mountain catchfly	PDCAR0U0A2	None	Endangered	G5T3Q/S3.2	4.2	Yes
<i>Silene marmorensis</i>	Marble Mountain campion	PDCAR0U0Z0	None	None	G2/S2.2	1B.2	Yes
<i>Silene occidentalis</i> ssp. <i>longistipitata</i>	long-stiped campion	PDCAR0U161	None	None	G4T1/S1.2	1B.2	Yes
<i>Silene oregana</i>	Oregon campion	PDCAR0U170	None	None	G5/S2.3	2.3	Yes
<i>Silene salmonacea</i>	Klamath Mountain catchfly	PDCAR0U2D0	None	None	G1G2/S1S2.2	1B.2	Yes
<i>Silene serpentinicola</i>	serpentine catchfly	PDCAR0U2B0	None	None	G2/S2.2	1B.2	Yes
<i>Silene suksdorfii</i>	Cascade alpine campion	PDCAR0U1W0	None	None	G4/S2.3	2.3	Yes
<i>Silene verecunda</i> ssp. <i>verecunda</i>	San Francisco campion	PDCAR0U213	None	None	G5T2/S2.2	1B.2	Yes
<i>Sisyrinchium funereum</i>	Death Valley blue-eyed grass	PMIRI0D0L0	None	None	G2G3/S2.3	1B.3	Yes
<i>Sisyrinchium hitchcockii</i>	Hitchcock's blue-eyed grass	PMIRI0D0S0	None	None	G2/S1.1	1B.1	Yes
<i>Sisyrinchium longipes</i>	timberland blue-eyed grass	PMIRI0D0Y0	None	None	G3/S1.2	2.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Smelowskia ovalis</i> var. <i>congesta</i>	Lassen Peak smelowskia	PDBRA2D041	None	None	G5T1/S1.2	1B.2	Yes
<i>Smilax jamesii</i>	English Peak greenbriar	PMSMI010D0	None	None	G3/S3.2	1B.3	Yes
<i>Solanum clokeyi</i>	island nightshade	PDSOL0Z450	None	None	G3/S3.2	4.2	No
<i>Solanum wallacei</i>	Wallace's nightshade	PDSOL0Z280	None	None	G2Q/S2.1	1B.1	Yes
<i>Solidago gigantea</i>	smooth goldenrod	PDAST8P0Q0	None	None	G5/S1.2?	2.2	Yes
<i>Solidago guiradonis</i>	Guirado's goldenrod	PDAST8P0T0	None	None	G3/S3.2	4.2	No
<i>Sparganium natans</i>	small bur-reed	PMSPA01090	None	None	G5/S3.3	4.3	No
<i>Spartina gracilis</i>	alkali cord grass	PMPOA5S060	None	None	G5/S3.2	4.2	No
<i>Spergularia canadensis</i> var. <i>occidentalis</i>	western sand-spurrey	PDCAR0W032	None	None	G5T4?/S1.1	2.1	Yes
<i>Spermolepis echinata</i>	bristly scaleseed	PDAPI23020	None	None	G5/S1.3	2.3	Yes
<i>Sphaeralcea grossulariifolia</i> ssp. <i>grossulariifolia</i>	currant-leaved desert mallow	PDMAL14091	None	None	G5T4T5/S2S3	2.3	Yes
<i>Sphaeralcea munroana</i>	Munro's desert mallow	PDMAL140F0	None	None	G4/S1.2	2.2	Yes
<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i>	Rusby's desert-mallow	PDMAL140L1	None	None	G4T1/S1.3	1B.2	Yes
<i>Sphaeromeria potentilloides</i> var. <i>nitrophila</i>	alkali tansy-sage	PDAST8S061	None	None	G5T4/S2.2	2.2	Yes
<i>Sphenopholis obtusata</i>	prairie wedge grass	PMPOA5T030	None	None	G5/S2.2	2.2	Yes
<i>Stachys palustris</i> ssp. <i>pilosa</i>	hairy marsh hedge-nettle	PDLAM1X1A0	None	None	G5T5/S2.3	2.3	Yes
<i>Stanleya viridiflora</i>	green-flowered prince's plume	PDBRA2E060	None	None	G4/S1S2	2.3	Yes
<i>Stebbinsoseris decipiens</i>	Santa Cruz microseris	PDAST6E050	None	None	G2/S2.2	1B.2	Yes
<i>Stellaria littoralis</i>	beach starwort	PDCAR0X0L0	None	None	G3G4/S3S4.2	4.2	No
<i>Stellaria longifolia</i>	long-leaved starwort	PDCAR0X0M0	None	None	G5/S1.2	2.2	Yes
<i>Stellaria obtusa</i>	obtuse starwort	PDCAR0X0U0	None	None	G5/S3.3	4.3	Yes
<i>Stemodia durantifolia</i>	purple stemodia	PDSCR1U010	None	None	G5/S2.1?	2.1	Yes
<i>Stenotus lanuginosus</i>	woolly stenotus	PDASTCX010	None	None	G5/S1.2	2.2	Yes
<i>Streptanthus albidus</i> ssp. <i>albidus</i>	Metcalf Canyon jewel-flower	PDBRA2G011	Endangered	None	G2T1/S1.1	1B.1	Yes
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	most beautiful jewel-flower	PDBRA2G012	None	None	G2T2/S2.2	1B.2	Yes
<i>Streptanthus barbiger</i>	bearded jewel-flower	PDBRA2G040	None	None	G3/S3.2	4.2	No
<i>Streptanthus batrachopus</i>	Tamalpais jewel-flower	PDBRA2G050	None	None	G1/S1.2	1B.3	Yes
<i>Streptanthus bernardinus</i>	Laguna Mountains jewel-flower	PDBRA2G060	None	None	G3/S3.3	4.3	Yes
<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	Socrates Mine jewel-flower	PDBRA2G072	None	None	G2T1/S1.2	1B.2	Yes
<i>Streptanthus brachiatus</i> ssp. <i>hoffmannii</i>	Freed's jewel-flower	PDBRA2G071	None	None	G2T1/S1.2	1B.2	Yes
<i>Streptanthus breweri</i> var. <i>hesperidis</i>	green jewel-flower	PDBRA2G092	None	None	G5T2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Streptanthus callistus</i>	Mt. Hamilton jewel-flower	PDBRA2G0A0	None	None	G1/S1.3	1B.3	Yes
<i>Streptanthus campestris</i>	southern jewel-flower	PDBRA2G0B0	None	None	G2/S2.3	1B.3	Yes
<i>Streptanthus cordatus</i> var. <i>piutensis</i>	Piute Mountains jewel-flower	PDBRA2G0D2	None	None	G5T1/S1.2	1B.2	Yes
<i>Streptanthus drepanoides</i>	sickle-fruit jewel-flower	PDBRA2G200	None	None	G3/S3.3	4.3	No
<i>Streptanthus farnsworthianus</i>	Farnsworth's jewel-flower	PDBRA2G0G0	None	None	G3/S3.3	4.3	No
<i>Streptanthus fenestratus</i>	Tehipite Valley jewel-flower	PDBRA2G0H0	None	None	G2/S2.3	1B.3	Yes
<i>Streptanthus glandulosus</i> ssp. <i>pulchellus</i>	Mount Tamalpais bristly jewel-flower	PDBRA2G0J2	None	None	G4T1/S1.2	1B.2	Yes
<i>Streptanthus glandulosus</i> var. <i>hoffmannii</i>	Hoffman's bristly jewel-flower	PDBRA2G0J4	None	None	G4TH/S <sub>H</sub>	1B.3	Yes
<i>Streptanthus gracilis</i>	alpine jewel-flower	PDBRA2G0K0	None	None	G3/S3.3	1B.3	Yes
<i>Streptanthus hispidus</i>	Mt. Diablo jewel-flower	PDBRA2G0M0	None	None	G1/S1.2	1B.3	Yes
<i>Streptanthus howellii</i>	Howell's jewel-flower	PDBRA2G0N0	None	None	G2/S1.2	1B.2	Yes
<i>Streptanthus insignis</i> ssp. <i>lyonii</i>	Arburua Ranch jewel-flower	PDBRA2G0Q1	None	None	G3G4T1/S1.2	1B.2	Yes
<i>Streptanthus longisiliquus</i>	long-fruit jewel-flower	PDBRA2G400	None	None	G3/S3.3	4.3	No
<i>Streptanthus morrisonii</i>	see individual subspecies!	PDBRA2G0S0	None	None	G2/S2		Yes
<i>Streptanthus morrisonii</i> ssp. <i>elatus</i>	Three Peaks jewel-flower	PDBRA2G0S1	None	None	G2T2/S2.2	1B.2	No
<i>Streptanthus morrisonii</i> ssp. <i>hirtiflorus</i>	Dorr's Cabin jewel-flower	PDBRA2G0S2	None	None	G2T1/S1.2	1B.2	No
<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	Kruckeberg's jewel-flower	PDBRA2G0S4	None	None	G2T1/S1.2	1B.2	No
<i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i>	Morrison's jewel-flower	PDBRA2G0S3	None	None	G2T2/S2.2	1B.2	No
<i>Streptanthus niger</i>	Tiburon jewel-flower	PDBRA2G0T0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Streptanthus oliganthus</i>	Masonic Mountain jewel-flower	PDBRA2G0V0	None	None	G3/S2.2	1B.2	Yes
<i>Stylocline citroleum</i>	oil neststraw	PDAST8Y070	None	None	G1/S1.1	1B.1	Yes
<i>Stylocline masonii</i>	Mason's neststraw	PDAST8Y080	None	None	G1/S1.1	1B.1	Yes
<i>Stylocline sonorensis</i>	mesquite neststraw	PDAST8Y060	None	None	G3G5/SX	1A	Yes
<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	G1/S1.1	1B.1	Yes
<i>Suaeda esteroa</i>	estuary seablite	PDCHE0P0D0	None	None	G4/S3.2	1B.2	Yes
<i>Suaeda occidentalis</i>	western seablite	PDCHE0P080	None	None	G5/S2.3	2.3	Yes
<i>Suaeda taxifolia</i>	woolly seablite	PDCHE0P0L0	None	None	G3?/S2S3	4.2	No
<i>Subularia aquatica</i> var. <i>americana</i>	water awlwort	PDBRA2H012	None	None	G5T5/S4.3	4.3	No
<i>Suksdorffia ranunculifolia</i>	buttercup-leaf suksdorffia	PDSAX0W010	None	None	G5/S2	2	Yes
<i>Swallenia alexandrae</i>	Eureka Valley dune grass	PMPOA5Y010	Endangered	Rare	G1/S1.2	1B.2	Yes
<i>Swertia albomarginata</i>	desert green-gentian	PDGEN05020	None	None	G5/S3.3	4.3	No

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Swertia neglecta</i>	pine green-gentian	PDGEN05080	None	None	G3/S3.3	4.3	No
<i>Swertia umpquaensis</i>	Umpqua green-gentian	PDGEN05050	None	None	G4?/S2.2	2.2	Yes
<i>Symphyotrichum defoliatum</i>	San Bernardino aster	PDASTE80C0	None	None	G3/S3.2	1B.2	Yes
<i>Symphyotrichum greatae</i>	Greata's aster	PDASTE80U0	None	None	G2/S2.3	1B.3	Yes
<i>Symphyotrichum lenticum</i>	Suisun Marsh aster	PDASTE8470	None	None	G2/S2.2	1B.2	Yes
<i>Synthyris missurica</i> ssp. <i>missurica</i>	kitten-tails	PDSCR1W042	None	None	G4T4/S2.3	2.3	Yes
<i>Syntrichopappus lemmonii</i>	Lemmon's syntrichopappus	PDAST90020	None	None	G3/S3.3	4.3	No
<i>Systenotheca vortriedei</i>	Vortriede's spineflower	PDPGN0W010	None	None	G3/S3.3	4.3	No
<i>Taraxacum californicum</i>	California dandelion	PDAST93050	Endangered	None	G2/S2.1	1B.2	Yes
<i>Taraxacum ceratophorum</i>	horned dandelion	PDAST930Y1	None	None	G5/S1.1	2.1	Yes
<i>Tauschia glauca</i>	glaucous tauschia	PDAPI27020	None	None	G4/S3.3	4.3	No
<i>Tauschia howellii</i>	Howell's tauschia	PDAPI27050	None	None	G1/S1.3	1B.3	Yes
<i>Tetracoccus dioicus</i>	Parry's tetracoccus	PDEUP1C010	None	None	G3/S2.2	1B.2	Yes
<i>Tetracoccus hallii</i>	Hall's tetracoccus	PDEUP1C021	None	None	G4/S3.3	4.3	No
<i>Tetracoccus ilicifolius</i>	holly-leaved tetracoccus	PDEUP1C030	None	None	G1/S1.3	1B.3	Yes
<i>Tetradymia argyraea</i>	striped horsebrush	PDAST95010	None	None	G4?/S3.3	4.3	No
<i>Tetradymia tetrameres</i>	dune horsebrush	PDAST950A0	None	None	G4/S1.2	2.2	Yes
<i>Teucrium cubense</i> ssp. <i>depressum</i>	dwarf germander	PDLAM20032	None	None	G4G5T3T4/S2	2.2	Yes
<i>Teucrium glandulosum</i>	desert germander	PDLAM20040	None	None	G4/S1.3	2.3	Yes
<i>Thalictrum alpinum</i>	arctic meadow-rue	PDRAN0M010	None	None	G5/S3.3	4.3	No
<i>Thelypodium brachycarpum</i>	short-podded thelypodium	PDBRA2N010	None	None	G3/S3.2	4.2	No
<i>Thelypodium howellii</i> ssp. <i>howellii</i>	Howell's thelypodium	PDBRA2N051	None	None	G2T2/S2.2	1B.2	Yes
<i>Thelypodium integrifolium</i> ssp. <i>complanatum</i>	foxtail thelypodium	PDBRA2N062	None	None	G5T5/S2.2	2.2	Yes
<i>Thelypodium milleflorum</i>	many-flowered thelypodium	PDBRA2N0A0	None	None	G5/S2S3	2.2	Yes
<i>Thelypodium stenopetalum</i>	slender-petaled thelypodium	PDBRA2N0F0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern	PPTHE05192	None	None	G5T3/S2.2?	2.2	Yes
<i>Thermopsis californica</i> var. <i>argentata</i>	silvery false lupine	PDFAB3Z011	None	None	G3T3/S3.3	4.3	No
<i>Thermopsis californica</i> var. <i>semota</i>	velvety false lupine	PDFAB3Z013	None	None	G3T2/S2.1	1B.2	Yes
<i>Thermopsis gracilis</i> var. <i>gracilis</i>	slender false lupine	PDFAB3Z0C1	None	None	G4T3T4/S3.3	4.3	No
<i>Thermopsis macrophylla</i>	Santa Ynez false lupine	PDFAB3Z0E0	None	Rare	G1/S1.3	1B.3	Yes
<i>Thermopsis robusta</i>	robust false lupine	PDFAB3Z0D0	None	None	G2Q/S2.2	1B.2	Yes
<i>Thlaspi californicum</i>	Kneeland Prairie pennycress	PDBRA2P041	Endangered	None	G1/S1.1	1B.1	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Thysanocarpus conchiliferus</i>	Santa Cruz Island fringepod	PDBRA2Q060	Endangered	None	G1/S1.2	1B.2	Yes
<i>Tiarella trifoliata</i> var. <i>trifoliata</i>	trifoliate laceflower	PDSAX10031	None	None	G5T5/S2S3	3	No
<i>Tonestus eximius</i>	Tahoe tonestus	PDASTE0030	None	None	G3/S3.3	4.3	No
<i>Tonestus lyallii</i>	Lyall's tonestus	PDASTE0050	None	None	G5/S1.3?	2.3	Yes
<i>Tonestus peirsonii</i>	Peirson's tonestus	PDASTE0070	None	None	G3/S3.3	4.3	No
<i>Townsendia condensata</i>	cushion townsendia	PDAST9C040	None	None	G4/S1.3	2.3	Yes
<i>Townsendia leptotes</i>	slender townsendia	PDAST9C0F0	None	None	G4/S2.3	2.3	Yes
<i>Tracyina rostrata</i>	beaked tracyina	PDAST9D010	None	None	G1G2/S1S2.2	1B.2	Yes
<i>Tragia ramosa</i>	desert tragia	PDEUP1D090	None	None	G5/S3.3	4.3	No
<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Wright's trichocoronis	PDAST9F031	None	None	G4T3/S1.1	2.1	Yes
<i>Trichophorum pumilum</i>	little bulrush	PMCYPOQ250	None	None	G5/S1.2	2.2	Yes
<i>Trichostema austromontanum</i> ssp. <i>compactum</i>	Hidden Lake bluecurls	PDLAM22022	Threatened	None	G3G4T1/S1.1	1B.1	Yes
<i>Trichostema micranthum</i>	small-flowered bluecurls	PDLAM22080	None	None	G4/S3.3	4.3	No
<i>Trichostema ovatum</i>	San Joaquin bluecurls	PDLAM220A0	None	None	G3/S3.2	4.2	No
<i>Trichostema rubisepalum</i>	Hernandez bluecurls	PDLAM220C0	None	None	G3/S3.3	4.3	No
<i>Trichostema ruygptii</i>	Napa bluecurls	PDLAM220H0	None	None	G3/S3	4	No
<i>Trientalis arctica</i>	arctic starflower	PDPRIOA030	None	None	G5/S1.2	2.2	Yes
<i>Trifolium amoenum</i>	two-fork clover	PDFAB40040	Endangered	None	G1/S1.1	1B.1	Yes
<i>Trifolium andersonii</i> var. <i>andersonii</i>	Anderson's clover	PDFAB40055	None	None	G4T3/S3.3	4.3	No
<i>Trifolium bolanderi</i>	Bolander's clover	PDFAB400G0	None	None	G3/S3.2	1B.2	Yes
<i>Trifolium buckwestiorum</i>	Santa Cruz clover	PDFAB402W0	None	None	G1/S1.1	1B.1	Yes
<i>Trifolium dedeckerae</i>	Dedecker's clover	PDFAB400Q0	None	None	G2/S2.3	1B.3	Yes
<i>Trifolium depauperatum</i> var. <i>hydrophilum</i>	saline clover	PDFAB400R5	None	None	G5T2?/S2.2?	1B.2	Yes
<i>Trifolium gracilentum</i> var. <i>palmeri</i>	southern island clover	PDFAB40102	None	None	G5T3/S3.2	4.2	No
<i>Trifolium gymnocarpon</i> var. <i>plummerae</i>	Plummer's clover	PDFAB40112	None	None	G5T4/S2.3	2.3	Yes
<i>Trifolium howellii</i>	Howell's clover	PDFAB40140	None	None	G4/S3.3	4.3	No
<i>Trifolium jokerstii</i>	Butte County golden clover	PDFAB40310	None	None	G1/S1.2	1B.2	Yes
<i>Trifolium lemmonii</i>	Lemmon's clover	PDFAB401C0	None	None	G4?/S3.2	4.2	No
<i>Trifolium polyodon</i>	Pacific Grove clover	PDFAB402H0	None	Rare	G1Q/S1.1	1B.1	Yes
<i>Trifolium siskiyouense</i>	Siskiyou clover	PDFAB402S0	None	None	G3G4Q/S2.2	3.2	No
<i>Trifolium trichocalyx</i>	Monterey clover	PDFAB402J0	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Triglochin palustris</i>	marsh arrow-grass	PMJCG02040	None	None	G5/S2.3	2.3	Yes
<i>Trillium ovatum</i> ssp. <i>oettingeri</i>	Salmon Mountains wakerobin	PMLIL200M1	None	None	G5T3/S3.2	4.2	No
<i>Triphysaria floribunda</i>	San Francisco owl's-clover	PDSCR2T010	None	None	G2/S2.2	1B.2	Yes

# Special Vascular Plants, Bryophytes, and Lichens List

## California Department of Fish and Game

### Natural Diversity Database

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Tripterocalyx crux-maltae</i>	Kellogg's sand-verbena	PDNYC0G020	None	None	G4/S1.2	2.2	Yes
<i>Tripterocalyx micranthus</i>	small-flowered sand-verbena	PDNYC0G030	None	None	G5/S1.3	2.3	Yes
<i>Triteleia clementina</i>	San Clemente Island triteleia	PMLIL21020	None	None	G1/S1.2	1B.2	Yes
<i>Triteleia crocea</i> var. <i>crocea</i>	yellow triteleia	PMLIL21031	None	None	G4T4/S3.3	4.3	No
<i>Triteleia crocea</i> var. <i>modesta</i>	Trinity Mountains triteleia	PMLIL21032	None	None	G4T3/S3.3	4.3	No
<i>Triteleia grandiflora</i> var. <i>howellii</i>	Howell's triteleia	PMLIL21061	None	None	G4G5T3T4/S1. 2.1		Yes
<i>Triteleia hendersonii</i> var. <i>hendersonii</i>	Henderson's triteleia	PMLIL21073	None	None	G4G5T4/S1.2	2.2	Yes
<i>Triteleia ixoides</i> ssp. <i>cookii</i>	Cook's triteleia	PMLIL210A2	None	None	G5T2/S2.3	1B.3	Yes
<i>Triteleia lugens</i>	dark-mouthed triteleia	PMLIL210D0	None	None	G3/S3.3	4.3	No
<i>Tropidocarpum californium</i>	Kings gold	PDBRA33010	None	None	G1/S1.1	1B.1	Yes
<i>Tropidocarpum capparideum</i>	caper-fruited tropidocarpum	PDBRA2R010	None	None	G1/S1.1	1B.1	Yes
<i>Tuctoria greenei</i>	Greene's tuctoria	PMPOA6N010	Endangered	Rare	G2/S2.2	1B.1	Yes
<i>Tuctoria mucronata</i>	Crampton's tuctoria or Solano grass	PMPOA6N020	Endangered	Endangered	G1/S1.1	1B.1	Yes
<i>Utricularia intermedia</i>	flat-leaved bladderwort	PDLNT020A0	None	None	G5/S2.2	2.2	Yes
<i>Utricularia minor</i>	lesser bladderwort	PDLNT020D0	None	None	G5/S3.2	4.2	No
<i>Utricularia ochroleuca</i>	cream-flowered bladderwort	PDLNT020E0	None	None	G4?/S1.2	2.2	Yes
<i>Vaccinium coccineum</i>	Siskiyou Mountains huckleberry	PDERI181N0	None	None	G5/S2.2?	3.3	No
<i>Vaccinium scoparium</i>	little-leaved huckleberry	PDERI180Y0	None	None	G5/S2.2?	2.2	Yes
<i>Valeriana occidentalis</i>	western valerian	PDVAL03080	None	None	G5/S1.3	2.3	Yes
<i>Vancouveria chrysanthia</i>	Siskiyou inside-out-flower	PDBER09010	None	None	G4/S3.3	4.3	No
<i>Veratrum fimbriatum</i>	fringed false-hellebore	PMLIL25030	None	None	G3/S3.3	4.3	No
<i>Veratrum insolitum</i>	Siskiyou false-hellebore	PMLIL25040	None	None	G3/S3.3	4.3	No
<i>Verbena californica</i>	Red Hills vervain	PDVER0N050	Threatened	Threatened	G2/S2.1	1B.1	Yes
<i>Verbesina dissita</i>	big-leaved crownbeard	PDAST9R050	Threatened	Threatened	G2G3/S1.1	1B.1	Yes
<i>Veronica copelandii</i>	Copeland's speedwell	PDSCR200B0	None	None	G3/S3.3	4.3	No
<i>Veronica cusickii</i>	Cusick's speedwell	PDSCR200C0	None	None	G5/S3.3	4.3	No
<i>Viburnum ellipticum</i>	oval-leaved viburnum	PDCPR07080	None	None	G5/S2.3	2.3	Yes
<i>Viguiera laciniata</i>	San Diego County viguiera	PDAST9T060	None	None	G4/S3.2	4.2	No
<i>Viguiera purisimae</i>	La Purisima viguiera	PDAST9T0S0	None	None	G4?/S1.3	2.3	Yes
<i>Viola aurea</i>	golden violet	PDVIO04420	None	None	G3G4/S2S3	2.2	Yes
<i>Viola langsdorfii</i>	Langsdorf's violet	PDVIO04100	None	None	G4/S1.1	2.1	Yes
<i>Viola palustris</i>	alpine marsh violet	PDVIO041G0	None	None	G5/S1S2	2.2	Yes

Scientific Name	Common Name	Element Code	Federal Listing Status	State Listing Status	Heritage Rank	CNPS List	Records in CNDB?
<i>Viola pinetorum</i> ssp. <i>grisea</i>	grey-leaved violet	PDVIO04431	None	None	G4G5T1/S1.3	1B.3	Yes
<i>Viola primulifolia</i> ssp. <i>occidentalis</i>	western white bog violet	PDVIO040Y2	None	None	G5T2/S2.2	1B.2	Yes
<i>Viola tomentosa</i>	felt-leaved violet	PDVIO04280	None	None	G3/S3.2	4.2	Yes
<i>Wislizenia refracta</i> ssp. <i>refracta</i>	jackass-clover	PDCPP09013	None	None	G5T5?/S1.2?	2.2	Yes
<i>Wolffia brasiliensis</i>	Brazilian watermeal	PMLEM03020	None	None	G5/S1.3	2.3	Yes
<i>Woodsia plummerae</i>	Plummer's woodsia	PPDRY0U0A0	None	None	G5/S1.3?	2.3	Yes
<i>Wyethia elata</i>	Hall's wyethia	PDAST9X050	None	None	G3/S3.3	4.3	No
<i>Wyethia longicaulis</i>	Humboldt County wyethia	PDAST9X0A0	None	None	G3/S3.3	4.3	No
<i>Wyethia reticulata</i>	El Dorado County mule ears	PDAST9X0D0	None	None	G2/S2.2	1B.2	Yes
<i>Xanthisma gracile</i>	annual bristleweed	PDAST640E0	None	None	G5/S3.3	4.3	No
<i>Xanthisma junceum</i>	rush-like bristleweed	PDAST641A0	None	None	G5/S3.3	4.3	No
<i>Xylorhiza cognata</i>	Mecca-aster	PDASTA1010	None	None	G2/S2.2	1B.2	Yes
<i>Xylorhiza orcuttii</i>	Orcutt's woody-aster	PDASTA1040	None	None	G2G3/S2.2	1B.2	Yes
<i>Zigadenus micranthus</i> var. <i>fontanus</i>	marsh zigadenus	PMLIL28050	None	None	G4T3/S3.2	4.2	No